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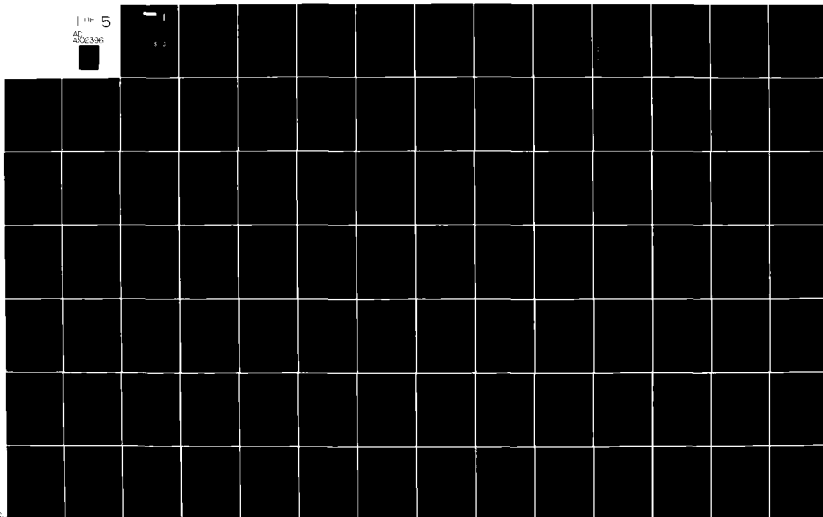
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PATRICK AFB, COCOA BEACH, FLORIDA. REVISED UNIFORM SUMMARY OF S--ETC(U)
APR 81

UNCLASSIFIED USAFETAC/DS-81/050

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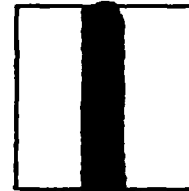
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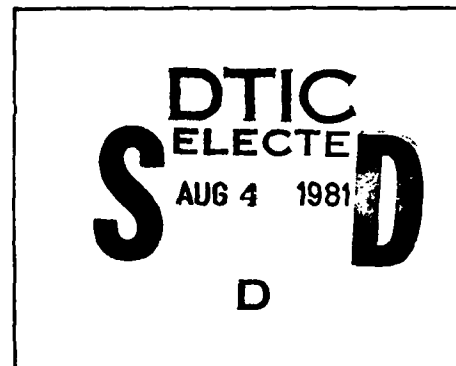
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

117 APR 1981

PERICK AFB FL
12867 #12867
74795 #74795

PERIOD A-F
FOR FROM MONTHLY OBS: DEC 70 - NOV 80
FOR FROM DAILY OBS: JAN 50 - NOV 80
TIME CONVERSION GMT TO LST: -5

APR 14 1981

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-81/050	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- PATRICK AFB, COCOA BEACH, FLORIDA		5. TYPE OF REPORT & PERIOD COVERED Final rept.
7. AUTHOR(S)		6. PERFORMING ORG. REPORT NUMBER
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(S)
11. PERFORMING ORG. OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
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16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		17. SECURITY CLASSIFICATION (of abstract) UNCLASSIFIED
18. SUPPLEMENTARY NOTES THIS DOCUMENT SUPERSEDES THE RUSSWO DATED 21 SEP 77		
19. WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for PATRICK AFB, COCOA BEACH, FLORIDA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* FLORIDA PATRICK AFB, FLORIDA
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter St. Burghmann

WALTER ST. BURGHMANN
AW Scientific and technical
Information Officer (STINFO)

In April 1974 the hours of operation for Patrick AFB FL were reduced from 24 hours/day to 17 hours/day (07-23 LST). Although the effect is not always obvious, this change does affect almost every part of this summary in some way. Therefore, all users of this summary should be aware of the following:

1. The hour groups 00-02LST and 03-05 LST contain only a few years (3 or 4) of data from the early seventies.
2. The hour groups 06-08 LST and 21-23 LST contain a combination of two hours of data for the entire 10 years with one hour of data for the short period from the early seventies.
3. The shortages of data for particular hour groups are also reflected in all of the "ALL hours" pages or lines and the "TOTALS" lines of the summary.
4. The "Atmospheric Phenomena" and "Means" and "Extremes" of Temperature from Daily Observations contain data based in part on only 17 observations/day.

DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Air Force and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
12867	PATRICK AFB FLORIDA	N 28 14	W 080 36	9	COF	74795

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Patrick AFB Florida, Cocoa Beach	AFB	Jan 50	Feb 54	N 28 13	W 080 36	9	21 ft	24
2	Same	Same	Mar 54	Mar 57	N 28 14	Same	19	22 ft	24
3	Same	Same	Apr 57	Mar 59	Same	Same	Same	25 ft	24
4	Same	Same	Apr 59	Dec 70	Same	Same	Same	9 ft	24
5	Same	Same	Jan 71	Mar 74	Same	Same	9	Same	24
6	Same	Same	Apr 74	Feb 81	Same	Same	Same	Same	17

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 50	Located over the weather station	GMQ-1A	N/A	109 ft	
2	Mar 54	Located on top of control tower NW corner of hangar #800	Same	ML 204B	108 ft	
3	Apr 56	Located mid position atop hangar #800	Same	Same	101 ft	
4	Apr 57	Located on top of hangar #800	GMQ-1	Same	77 ft	
5	Apr 58	Located 500 ft W of runway 20 and 500 ft S of taxiway 11-29	GMQ-11	RO-2A	13 ft	
6	Apr 62	Located 600 ft N of the observing site, 800 ft E of runway 02-20	Same	Same	Same	
7	Dec 76	Located 600 ft N of the observing	GMQ-20	RO-2	13 ft	

USAFETAC FORM NOV 73 0-19 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
8	Feb 28 1951	Same	Same	RO-362	Same	

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APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

1
1. NAME OF THE EMPLOYER (NATION)
UNIT T66
2. ADDRESS (STREET, CITY, STATE, COUNTRY)

WEATHER CONDITIONS

3. STATION NUMBER 71-8 STATION NAME YEARS JAN MONTH

4. FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-31	-	.2	.2				2.3	7.5	2.9			9.9	373
2-28	-	.2	.2				3.3	15.2	4.5			13.5	372
3-31	-	.1	.2		.1		3.4	17.4	7.4			21.7	746
4-30	-11	.2	.2				3.3	8.8	7.0			12.6	930
5-31	-11	.2	.2		.1		3.3	2.6	2.6			5.1	930
6-30	-17	.4	.4				4.3	2.6	1.9			4.3	930
7-31	-2	.2	.2				4.3	2.6	3.4			5.2	930
8-31	-22	.2	.2				2.3	2.6	1.9			3.8	930
TOTALS		.6	.6		.1		3.4	7.6	4.9			19.1	3141

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WEATHER CONDITIONS

STATION 71-6 YEARS MONTH

MONTHLY FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITION FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
	-	.0	0.0				5.9	.9	.3			1.2	340
	1-11	1.2	0.0				2.7	0.2	.7			6.2	341
	1-11	.1	4.0				4.3	14.5	7.1		.6	19.9	669
	1-11	.2	4.7				4.7	7.4	4.9		.4	11.5	349
	1-11	.4	4.7				4.7	2.6	2.2		.4	4.2	349
	1-11	.6	4.0				4.0	2.0	3.8		.4	5.7	349
	1-11	.6	0.1				0.1	2.7	3.9		.4	5.9	349
	1-11	.3	0.2				6.2	1.9	2.5		.4	4.6	643
TOTALS		.6	4.9				4.9	4.8	3.2		.3	7.5	5609

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WEATHER CONDITIONS

STATION 07 KATPICK AF FL STATION NAME 71-8 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
1-11		.5	3.				3.	1.6	2.7			3.3	372
12-1		1.1	2.7				2.6	7.8	4.6			9.1	372
2-11		1.0	2.3				3.4	15.6	9.1			21.1	777
12-11		.3	1.3				1.2	3.7	4.8		.2	7.6	930
12-14		.6	3.				3.1	.9	2.4			2.7	930
15-17		.5	3.7				3.7	.5	4.1			1.4	930
18-1		.6	2.9				2.9	1.8	5.8		.1	7.2	930
2-11		.4	3.2				3.2	1.6	2.9			4.2	899
TOTALS		.8	2.7				2.7	4.2	4.5		.3	7.5	6140

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U.S. AIR FORCE
AFIAC
AIR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

1. STATION WATKINS AFB FL 71-3 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
71	-	.5	3.0				3.5	2.5	0.0			7.3	316
	1-11	.3	3.9				3.8	8.8	4.1			11.6	319
	12-11	.1	1.1				1.9	10.9	10.3			17.7	770
	12-11	.6	2.0				2.6	2.2	5.4			6.8	959
	12-14	1.2	3.4				3.4	.1	2.3			2.4	910
	15-17	1.1	2.7				2.7		2.4			2.4	899
	18-20	1.1	2.4				2.4	.4	4.0			4.2	960
	21-27	.4	2.0				2.4	.4	2.4			2.5	834
TOTALS		.7	2.8				2.3	3.1	4.6			6.9	5838

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AFM WEATHER SERVICE, WASH DC

WEATHER CONDITIONS

1 67 STATION NAME PATRICK AFB FL 71-57 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	1-31	1.4	.4				.4		1.4			1.4	280
FEB	1-29	.3	1.				1.0		2.0			2.0	288
MAR	1-31	.1	1.0				1.0	0.3	13.4			19.8	928
APR	1-30	1.2	2.7				2.7	1.5	5.9			7.0	930
MAY	1-31	6.7	0.7				0.3	.4	4.1			4.1	930
JUN	1-30	8.5	3.3				3.3	.1	5.9			6.0	930
JUL	1-31	7.3	7.				7.	.1	0.3			6.3	930
AUG	1-31	4.2	4.3				4.3	.1	3.5			3.5	714
SEP													
OCT													
NOV													
DEC													
TOTALS		5.6	4.0				4.0	1.3	5.4			6.4	5930

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U.S. AIR FORCE TOLSON (44-38861)
JAN 1955
S. H. HATHAWAY SERVICE (44-38861)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	1-10	.7	2.6				2.6		3.3			3.3	270
	11-20	1.5	5.6				3.6	3.6	4.5			6.2	274
	21-31	.6	4.7				2.7	4.9	13.6			15.7	900
	1-11	1.6	3.1				3.1	.7	6.8			7.1	909
	12-24	2.3	6.4				6.4	.1	5.7			5.7	900
	15-17	12.9	12.7				12.7	.2	5.9			5.2	900
	18-20	6.9	12.9				12.9	.4	5.4			5.9	900
	21-23	3.5	4.2				4.9	.6	3.5			3.8	690
TOTALS		5.0	6.1				6.1	1.3	5.9			6.6	5734

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USAFETAC
 WEATHER SERVICE/NAO

WEATHER CONDITIONS

STATION PATRICK AFB FL 71-8 JUL
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	1-7	1.1	.7				.1						279
	8-14	1.4	.4				.7	.4				.4	284
	15-21	.6	.8				.1	2.6	7.7			8.7	930
	22-28	1.7	1.7				1.5	.4	2.4			2.3	930
	29-31	.9	.3				.6		1.6			1.3	930
	1-12	15.3	1.5				1.3		2.9			2.9	930
	13-24	11.9	9.2				7.2	.1	2.6			2.7	930
	25-31	3.4	4.5				4.5	.1	.7			.8	715
TOTALS		4.4	4.4				4.4	.5	2.2			2.5	5928

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WEATHER CONDITIONS

AUG
MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
10	8-10	.7	2.2				2.2						279
	13-15	1.0	.7				.7		.3			.3	266
	16-18	.8	1.4				1.4	1.6	5.2			3.9	930
	9-11	1.9	2.0				2.0	.1	2.0			2.0	930
	12-14	1.7	3.0				3.9		1.8			1.8	930
	15-17	12.7	8.6				8.6	.2	1.6			2.0	930
	1-2	6.0	6.3				6.3		2.7			2.7	930
	1-23	2.0	2.0				2.5		1.3			1.3	714
TOTALS		4.4	3.8				3.0	.2	1.9			2.0	5929

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JULY 64

1

V

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F

TOTALS

WEATHER CONDITIONS

OCT
MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01-01	2.2	3.3				3.9	.4	.7			.7	279
	03-03	3.1	5.7				5.7	1.4	2.9			2.9	280
	06-06	.3	2.2				2.2	6.2	6.1			10.1	902
	09-11	.2	4.5				4.5	2.5	3.4			5.1	930
	12-14	.5	3.3				5.3	.1	2.2			2.3	930
	15-17	1.7	4.6				4.6	.2	2.7			2.9	930
	19-20	1.8	5.4				5.4	.6	2.3			2.4	930
	21-22	.9	5.3				5.3	.1	.1			.3	740
TOTALS		1.2	4.6				4.	1.4	2.5			3.3	5921

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JULY 64

WEATHER CONDITIONS

NOV
MONTH

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	1-		3.7				3.7	.4	.4			.7	271
	7-		3.7				3.7	3.1	.4			3.3	270
	12-		4.1				4.1	12.7	7.2			18.5	693
	9-11	.1	4.1				4.1	4.7	5.1			8.6	900
	12-14	.1	3.6				3.6	1.2	3.2			4.1	900
	15-17	1.1	4.1				4.1	1.2	3.1			4.2	900
	18-20	.2	4.3				4.3	1.8	3.1			3.9	998
	1-22	.1	2.7				2.9	.8	1.8			2.6	897
TOTALS		.3	3.9				3.9	3.1	3.0			5.7	5729

USAFETAC FORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. ALGOUT FIELD (ALGOUT)
 2. ALGOUT FIELD (ALGOUT)
 3. ALGOUT FIELD (ALGOUT)

WEATHER CONDITIONS

1. 67 STATION NAME: ALGOUT FIELD YEARS: 7-70 DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	1-11	.5	5.2				5.2	5.4	1.9			5.4	373
	12-11	.3	5.4				5.4	7.5	5.2			8.1	772
	12-11		4.7				4.7	14.5	7.3			15.3	744
	12-11		4.7				4.7	5.9	4.4			11.4	930
	12-14	.5	5.2				5.2	4.1	3.0			6.3	930
	14-17	.6	5.5				5.5	3.3	2.7			5.7	930
	17-20	.1	5.0				5.1	3.0	2.6			5.1	930
	21-23	.1	4.5				4.5	4.9	1.5			5.9	930
TOTALS		.3	5.1				5.0	6.5	3.3			8.3	6139

USE WITH CAUTION
 SEE FIRST PAGE

WEATHER CONDITIONS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	3.7		.		3.4	7.6	4.0			18.1	6141
FEB		.6	4.0				4.9	4.8	3.2		.3	7.5	5509
MAR		.6	2.7				2.7	4.2	4.6		.0	7.6	6140
APR		.7	2.8				2.3	3.1	4.0			6.4	5438
MAY		3.5	4.0				4.3	1.3	5.4			6.4	5930
JUN		5.1	3.1				6.1	1.3	5.9			6.6	5734
JUL		5.4	4.4				4.4	.5	2.2			2.6	5028
AUG		4.4	3.7				3.5	.2	1.9			2.0	5929
SEP		3.1	5.7				5.7	.6	2.3		.2	2.8	5729
OCT		1.2	4.0				4.6	1.4	2.5			3.3	5921
NOV		.3	3.0				3.9	3.1	3.0			5.7	5729
DEC		.3	5.1				5.6	6.5	3.3			6.3	6139
TOTALS		2.1	4.0		.0		4.3	2.8	3.6		.0	5.8	70767

USE WITH CAUTION
SEE INSTRUCTIONS

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

XX**WEATHER CONDITIONS**XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

1	STATION	STATION NAME	YEARS	ALL MONTH
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CENTRIC OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	11.7	1.4	32.0		.1		34.0	71.4	18.7			36.6	937
FEB		4.2	30.3			.2	35.7	19.1	18.2			38.1	975
MAR		.4	2.7			.2	32.0	24.7	18.1			39.7	961
APR		1.5	16.3			.2	26.9	17.3	16.3			25.0	933
MAY		3.0	17.4			.4	37.4	9.6	17.4			21.6	961
JUN		4.1	30.9			.1	43.4	3.2	14.3		.2	19.4	937
JUL		4.4	45.4			.1	45.4	4.4	8.			1.3	961
AUG		44.2	47.1			.3	47.1	4.3	7.1			10.3	961
SEP		21.7	17.3			.1	57.3	6.2	9.0			13.5	935
OCT		1.2	43.1				49.5	11.1	12.4			13.0	961
NOV		2.1	35.3				33.9	19.4	11.1			24.1	929
DEC		1.3	35.1				35.1	27.1	14.5			32.5	933
TOTALS		18.0	42.1		.3	.1	40.1	15.9	13.6		.0	23.3	11266

USE WITH CAUTION
SEE FIRST PAGE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:
- | | | |
|-----------------------------|-------|--|
| EXTREME DAILY PRECIPITATION | ".00" | equals none for the month (hundredths) |
| EXTREME DAILY SNOWFALL | ".0" | equals none for the month (tenths) |
| EXTREME DAILY SNOW DEPTH | "0" | equals none for the month (whole inches) |
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0600LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

1 267 PATRICK AFB FL 54-80 YEARS
STATION STATION NAME

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	45.4	15.3	1.3	4.1	2.5	2.6	3.6	2.3	1.6	.3				19.3	937	2.26	7.83	TRACE
FEB	51.4	13.1	2.9	3.7	3.0	5.1	4.1	4.2	2.1	.2				25.2	876	2.62	6.58	.69
MAR	55.7	11.2	2.5	3.7	3.0	4.9	3.3	2.7	2.4	.4				23.1	961	2.90	11.01	.01
APR	71.4	11.2	1.7	4.2	2.0	2.5	2.5	3.1	1.4	.1				17.5	930	1.89	6.58	.65
MAY	67.5	12.9	2.9	3.6	4.0	4.0	5.3	3.3	3.1	.4				26.6	961	3.59	11.45	.08
JUN	42.4	12.9	1.7	6.7	3.8	6.8	6.5	6.1	4.8	.8	.1			37.2	930	5.61	20.44	.65
JUL	42.5	13.1	2.5	5.9	3.1	6.9	6.3	5.4	3.4	.2	.1			34.3	961	4.39	15.33	.63
AUG	52.4	12.6	3.3	8.0	3.2	6.5	5.6	4.7	3.9	.5				36.3	961	4.44	11.44	.86
SEP	34.3	14.2	4.5	4.6	4.3	8.2	7.8	7.0	5.5	1.2	.4			47.5	930	7.44	17.87	1.11
OCT	48.5	15.5	3.1	7.8	4.0	7.3	5.0	3.7	4.2	.5	.4			36.0	961	5.16	17.94	.21
NOV	52.9	14.4	3.2	6.4	2.8	4.5	1.5	2.3	1.5	.5				22.7	929	2.26	6.66	.03
DEC	52.4	16.6	3.2	5.2	3.7	3.7	3.2	2.3	1.6					22.8	930	1.91	5.13	.07
ANNUAL	57.4	13.6	2.8	5.7	3.3	5.2	4.6	3.9	3.0	.4	.1			29.0	11267	4.67		

OFFICIAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAJ

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1967 PATRICK AFB FL 50-20 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	TRACE	.77	2.20	.52	1.06	2.62	1.25	1.11	1.24	7.14	.55	.91		7.14
51		.1	1.38	.68	2.36	.97	1.23	.60	1.54	2.32	2.38	3.61	.65	3.61
52		.84	.64	1.02	.42	.68	.47	.37	1.49	3.83	3.01	.44	.48	3.83
53		.67	1.76	1.39	1.17	.43	.46	.95	2.01	5.25	7.59	2.69	.68	7.59
54		.71	.71	1.01	1.10	2.91	2.99	1.34	1.38	1.43	1.91	1.88	1.06	2.99
55		1.75	1.37	.8	.35	.52	2.08	1.21	.43	2.92	1.39	.09	.14	2.92
56		1.23	.40	.01	1.74	1.74	1.33	.80	1.90	2.27	6.13	.14	.03	6.13
57		1.24	1.82	1.94	1.30	.70	.70	1.93	1.52	2.06	1.01	.66	1.87	2.06
58		2.64	2.30	1.12	1.61	1.10	2.90	1.15	2.22	.96	1.53	1.78	1.72	2.90
59		2.41	1.66	3.31	1.52	.70	1.86	.95	1.02	2.74	2.26	2.42	.74	3.31
60		.40	.95	3.64	2.85	.25	1.44	1.07	2.79	4.58	.65	.23	.25	4.58
61		3.61	.37	.29	.24	2.31	2.09	.95	3.38	2.09	.26	.73	.31	3.61
62		.34	1.99	.89	.52	.21	1.33	1.37	1.69	1.65	.15	1.11	.26	1.99
63		.55	2.27	.34	.13	3.20	.89	1.42	1.58	7.44	.64	4.93	.84	7.44
64		1.52	.73	1.57	.36	1.66	.62	1.31	2.88	2.18	.71	.78	.45	2.88
65		.92	1.32	2.49	.35	.6	1.07	.71	.40	1.03	2.55	.94	1.02	2.55
66		1.36	4.68	1.12	.71	1.31	3.98	2.81	3.16	1.96	3.59	.75	.37	4.68
67		.41	1.57	.75	.05	.86	1.40	1.29	1.40	2.32	.86	.02	.80	2.32
68		.26	1.93	.32	.78	.91	6.87	1.79	1.21	1.00	1.69	1.28	.46	6.87
69		1.69	.70	2.52	.48	1.82	.76	1.52	1.16	2.03	1.51	1.81	1.99	2.52
70		1.20	.56	.73	1.89	1.93	.26	1.06	.64	2.68	1.23	.66	.58	2.68
71		.29	1.41	.41	.73	2.22	2.39	1.04	1.61	1.60	1.85	.19	1.05	2.39
72		1.31	1.85	1.13	.42	.63	3.71	.57	1.38	.58	.72	1.96	1.27	3.71
73		1.23	1.78	.96	1.38	1.32	1.12	2.01	1.46	2.92	2.30	.98	1.69	2.92
74	TRACE	.10	.29	1.34	.93	1.95	5.75	1.19	1.53	3.44	.35	.55		5.75
75		.12	.35	1.32	.58	1.25	1.40	1.20	.84	2.89	1.17	.33	.09	2.89
76		.37	.14	.63	.16	2.88	2.15	.90	1.99	5.86	.24	2.62	1.25	5.86
77		1.11	.31	.52	.19	2.42	1.39	.54	.73	1.59	1.56*	3.55	.91	* 3.55
78		.95	1.04	1.87	.24	1.86	1.51	2.09	2.48	1.22	1.53	.22	1.87	2.48
79		3.75	.40	.54	.61	1.89	2.52	1.56	.59	6.44	.25	2.08	1.14	6.44
MEAN														
S. D.														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA)

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1767 PATRICK AFB FL
STATION STATION NAME

50-81

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1-667 STATION FAIRBANKS AFB FL STATION NAME 50-BU YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50	*TRACE	1.21	5.28	1.8	2.72	4.40	4.40	2.51	3.85	17.94	1.08	1.52	*45.29
51	.01	2.99	.91	6.58	5.70	6.12	1.93	3.82	8.46	4.35	6.66	1.24	46.80
52	1.11	3.25	3.23	.83	2.63	.65	.63	4.82	5.80	9.56	.44	.70	36.70
53	1.24	3.14	4.11	5.76	.71	1.67	2.97	11.44	12.97	13.82	5.53	1.75	64.21
54	1.20	1.75	2.33	4.70	6.61	7.95	2.85	3.36	8.30	6.02	2.41	2.23	49.77
55	2.06	3.20	1.57	.46	1.82	8.03	1.94	1.55	4.97	4.13	.15	.26	30.04
56	2.47	.73	.01	2.24	2.27	2.67	2.38	3.11	8.31	12.20	.54	.07	37.00
57	1.92	4.18	6.24	4.29	2.62	1.99	5.17	5.35	5.70	1.33	1.88	5.13	45.70
58	7.83	2.73	5.04	3.27	2.82	6.88	3.56	4.95	2.77	4.37	2.72	3.89	50.83
59	3.47	4.50	11.01	4.19	1.67	6.27	2.32	3.39	11.06	5.16	4.17	1.27	58.48
60	.52	3.65	10.51	3.36	.62	5.15	6.26	5.54	16.26	2.39	.58	.66	55.70
61	4.56	1.89	1.97	1.58	6.36	3.38	2.43	8.38	2.36	1.01	1.39	.43	36.74
62	.32	2.11	1.54	1.84	.49	4.50	5.22	5.97	5.30	.21	2.02	.51	30.53
63	1.91	5.16	1.56	.29	5.77	3.08	6.75	3.35	17.87	1.94	5.88	2.90	56.46
64	3.10	3.57	1.87	.45	2.79	1.47	5.53	11.42	4.84	2.51	1.95	.80	40.30
65	1.17	4.13	4.77	.49	.08	5.07	2.07	.86	3.20	5.70	1.19	1.77	29.70
66	7.19	6.58	2.42	1.1	5.69	13.68	8.35	9.96	7.36	8.49	1.47	1.00	73.20
67	.94	3.07	.13	.5	1.66	5.40	7.53	2.98	4.92	1.76	.03	1.50	29.97
68	.50	2.63	.92	1.57	2.42	20.44	4.75	2.36	6.16	9.34	1.62	.50	53.30
69	3.39	1.16	6.03	.60	7.80	2.57	4.07	4.57	8.25	6.53	3.30	3.50	51.77
70	3.10	1.61	3.73	2.17	3.75	.97	3.81	1.76	5.72	5.00	1.08	1.19	33.89
71	.25	4.72	1.14	1.18	2.87	6.17	3.72	2.89	8.25	6.69	.53	3.55	41.96
72	2.37	4.97	1.85	1.32	3.18	8.92	2.04	5.63	1.11	2.37	5.29	3.64	42.69
73	4.63	1.67	3.14	2.23	3.22	5.33	6.14	3.92	11.17	5.18	1.33	4.83	53.69
74	TRACE	.50	.61	3.30	2.17	8.13	15.33	3.09	4.18	5.94	1.09	1.27	45.61
75	.20	1.37	2.25	.92	3.04	6.36	3.63	1.54	4.78	4.19	1.08	.19	29.41
76	.43	.09	.84	.34	11.45	7.09	1.49	8.52	12.81	.51	4.69	2.84	51.10
77	1.41	1.72	.58	.38	3.71	3.53	1.78	2.74	5.10	4.11*	5.06	3.58	*33.70
78	1.31	3.09	5.13	.27	2.35	6.43	9.49	4.40	4.41	5.59	.40	3.00	44.37
79	6.27	.84	1.27	.97	7.51	5.53	2.90	2.42	17.32	.77	3.77	1.67	50.84
MEAN													
S.D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

EXTREME X VALUES
XXXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
17-67	PATRICK AFB FL	50-60

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

1967 PATRICK AFB FL 54-80
STATION STATION NAME YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
			01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	99.9	.1													937	TRACE	TRACE	.0
FEB	100.0														876	.0	.0	.0
MAR	100.0														961	.0	.0	.0
APR	100.0														930	.0	.0	.0
MAY	100.0														961	.0	.0	.0
JUN	100.0														930	.0	.0	.0
JUL	100.0														961	.0	.0	.0
AUG	100.0														961	.0	.0	.0
SEP	100.0														930	.0	.0	.0
OCT	100.0														961	.0	.0	.0
NOV	100.0														929	.0	.0	.0
DEC	100.0														930	.0	.0	.0
ANNUAL	100.0	.0													11267	.0		

GEOGRAPHICAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

1967 PATRICK AFB FL 52-20
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
54	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	TRACE
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

1967-1980 PAIRICK AFB FL 50-80 STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	*
51		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
52		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
53		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
54		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
55		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
57		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
58		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
59		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
60		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
62		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
63		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
64		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
65		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
66		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
67		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
68		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
69		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
70		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
71		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
72		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
73		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
74		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
75		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
76		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
77	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	*TRACE
78		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
79		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

EXTREME X VALUES
XXXXXXXXXXXXXXXXXXXXX
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
1367	PATRICK AFB FL	50-50

[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM 0-88-5 (OL A)
JUL 64

1 GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

1 667 PATRICK AFB FL 51-80
STATION STATION NAME YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														937			
FEB	100.0														876			
MAR	100.0														961			
APR	100.0														930			
MAY	100.0														961			
JUN	100.0														930			
JUL	100.0														961			
AUG	100.0														961			
SEP	100.0														930			
OCT	100.0														961			
NOV	100.0														929			
DEC	100.0														930			
ANNUAL	100.0														11267			

CLIMAT. CLIMATOLOGY PATCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNO. DEPTH

(FROM DAILY OBSERVATIONS)

1 67 PATRICK AFB FL 52-20
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50	*	0	0	0	0	0	0	0	0	0	0	0	0
51		0	0	0	0	0	0	0	0	0	0	0	0
52		0	0	0	0	0	0	0	0	0	0	0	0
53		0	0	0	0	0	0	0	0	0	0	0	0
54		0	0	0	0	0	0	0	0	0	0	0	0
55		0	0	0	0	0	0	0	0	0	0	0	0
56		0	0	0	0	0	0	0	0	0	0	0	0
57		0	0	0	0	0	0	0	0	0	0	0	0
58		0	0	0	0	0	0	0	0	0	0	0	0
59		0	0	0	0	0	0	0	0	0	0	0	0
60		0	0	0	0	0	0	0	0	0	0	0	0
61		0	0	0	0	0	0	0	0	0	0	0	0
62		0	0	0	0	0	0	0	0	0	0	0	0
63		0	0	0	0	0	0	0	0	0	0	0	0
64		0	0	0	0	0	0	0	0	0	0	0	0
65		0	0	0	0	0	0	0	0	0	0	0	0
66		0	0	0	0	0	0	0	0	0	0	0	0
67		0	0	0	0	0	0	0	0	0	0	0	0
68		0	0	0	0	0	0	0	0	0	0	0	0
69		0	0	0	0	0	0	0	0	0	0	0	0
70		0	0	0	0	0	0	0	0	0	0	0	0
71		0	0	0	0	0	0	0	0	0	0	0	0
72		0	0	0	0	0	0	0	0	0	0	0	0
73		0	0	0	0	0	0	0	0	0	0	0	0
74		0	0	0	0	0	0	0	0	0	0	0	0
75		0	0	0	0	0	0	0	0	0	0	0	0
76		0	0	0	0	0	0	0	0	0	0	0	0
77		0	0	0	0	0	0	0	0	0	0	0	0
78		0	0	0	0	0	0	0	0	0	0	0	0
79		0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

EXTREME VALUES

SNO. DEPTH

(FROM DAILY OBSERVATIONS.)

1-67- PATRICK AFE FL
STATION STATION NAME

52-52

YEARS

DAILY SNOW DEPTH IN INCHES

	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
E														
S D		.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS		937	876	961	930	961	930	961	961	930	961	929	930	11267

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTH value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

SPECIAL CLIMATOLOGY SECTION
USAF ETAC
AIR WEATHER SERVICE / MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

1-67 PATRICK AFB FL STATION NAME

53-32 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
YEAR														
60			S * 27SSW	29WN	39	38W	20WSW	34N	* 29NE	33ESE	26E	33		
61	WNW 34SSW	32W	37W	33SSW	* 24				* 29N	24NW	29N	32		
62	W 30W	38	42NW	29SSW	27W	* 33WNW	37W	30SSE	64S	25ENE	26N	33	SSE 64	
63	W 24W	30NW	30SSW	34WSW	42NE	* 36W	36SSC	32NW	30ESE	32E	34NW	26	WSW 42	
64	WNW 41WSW	39	27SSW	29N	28W	36N	24W	33N	41NNW	26N	30WNW	34	WNW 41	
65	W 27WSW	36NW	29SE	25N	35NW	22ESE	47SSW	50NE	45NE	27W	36E	27	SSW 50	
66	WNW 30WNW	40W	30N	30N	32S	21WNW	32SSW	53WSW	50W	37NNW	32NE	30	SSE 53	
67	W 27W	43	41NE	34NNE	24SSW	55SSW	36N	31ENE	41NE	32E	33N	28	SSW 55	
68	W 37W	29N	22WSW	38S	40S	45W	28NNE	49WSW	30SSE	32W	30W	32	NNE 49	
69	WSW 30W	27NW	34ENE	27S	36W	37W	46W	31ENE	29NE	22N	25NW	33	NW 46	
70	W 24SSW	30SSW	36SSW	45SW	36W	3627/	3126/	2629/	3014/	3727/	3729/	30	SSW 45	
71	1/ 2627/	4316/	33 7/	24 6/	3721/	2527/	2623/	3014/	32 7/	3430/	5928/	32	30/ 59	
72	23/	4719/	5016/	3025/	3416/	3034/	3416/	2625/	30 8/	32 4/	3535/	3628/	30	19/ 50
73	33/	3522/	3929/	3931/	3315/	2922/	4930/	4217/	4127/	4927/	28 2/	26 6/	38	20/ 49
74	1/	2629/	2621/	39 5/	2631/	36 9/	4730/	3334/	4026/	40 8/	38 9/	3535/	43	9/ 47
75	1/	4026/	3623/	3422/	3527/	4114/	2627/	4722/	2824/	50 5/	3132/	2625/	37	24/ 50
76	1/	3021/	3126/	2433/	2929/	5416/	3935/	3436*	6026/	27 2/	3433/	2828/	31	36* 60
77	1/	3116/	3421/	3623/	3626/	2326/	3721/	3932/	3824/	28 6/	32 7/	2926/	30	21/ 39
78	1/	3224/	3922/	24 2/	3620/	3616/	3520/	34 9/	3122/	36 2/	32 3/	3227/	38	24/ 39
79	28/	2827/	29 1/	2523/	3819/	3331/	3333/	3128/	3715/	3210/	2633/	2532/	29	23/ 38
80	30/	4733/	2626/	2625/	2516/	2134/	3030/	3329/	2730/	28 5/	2636/	20 6/	36	26/ 42
81	30/	4325/	3224/	2413*	3136/	32 7/	2733/	2428*	3622*	2910/	3115/	3029/	30	30/ 42
82	31/	3130/	4027/	4026/	3632/	4027/	8426/	6029/	28 4/	4228/	28 5/	23		
MEAN	33.4	37.1	34.5	32.5	34.8	36.2	35.7	35.0	37.8	30.7	30.8	33.3	47.1	
S D	5.153	5.132	5.134	5.334	7.663	13.735	8.984	7.944	9.940	4.529	7.572	3.978	6.076	
TOTAL OBS	674	620	637	681	689	643	672	663	669	711	687	677	8078	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

USAFETAC
 0-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER	71-75	JAN
	CLASS		0000-1200
	CONDITION		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.1	.5	.2							3.4	6.8
NNE	.3	1.0	.5									2.4	4.2
NE	1.1	1.1	.5	1.2								4.0	7.7
ENE		.5	.5									1.1	6.8
E	1.1	1.1	1.1	.3								3.8	5.9
ESE	.3	.3	.3									1.1	3.5
SE	.3	2.1	.4									3.2	5.3
SSE	.3	1.1	1.1									3.5	5.5
S	.4	.3	2.4									15.8	4.3
SSW	1.0	2.1	2.1									7.0	5.2
SW	.1	2.6	1.1									5.6	4.5
WSW	1.1	1.1	.3									2.9	3.7
W	1.1	1.1	.3	.6								3.5	5.9
WNW	.3	2.1	1.1	.6	.3							4.8	7.4
NW	.3	1.1	1.9	1.1	.3							3.9	8.4
NNW	1.3	2.1	2.1	2.4	.3	.3						9.1	9.1
VARBL													
CALM												20.9	
	11.7	31.1	17.4	7.2	1.6	.3						100.0	4.8

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 373

U.S. AIR FORCE
 AFM 64-100
 1-1-67

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-67 STATION NAME 71-74 YEARS JAN
 MONTH
 0300-0500
 HOURS (L.S.T.)
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	1.1	1.1	.5							7.3	6.4
NNE		.5	.5	.5								.8	7.0
NE	.5	.5	1.1	.5								3.5	7.9
ENE	.5	1.1	.5									1.9	4.9
E	.5	.5	.5									1.9	4.9
ESE	1.1	.5										1.6	2.3
SE	.5	.5	1.1	.5								3.2	6.7
SSE		1.1	1.1	.5								3.5	7.5
S	1.1	2.2	.5									6.2	3.9
SSW	4.4	4.4	2.2	.5								11.6	4.8
SW	.5	3.3	1.1									7.0	4.6
WSW	1.1	1.1										3.0	3.6
W	1.1	.5	.5									3.2	4.3
WNW	.5	2.2	.5	.5								4.3	6.0
NW	.5	1.1	3.3	2.2	.5							10.8	7.5
NNW	1.1	2.2	1.1	2.2	.5	.5						9.1	9.9
VARBL													
CALM												21.8	
	20.1	20.1	17.5	6.9	1.4	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 372

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE CLIMATE DATA
 REPORT
 AFM 7-10.1 (1-64)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION NAME: FATHOM 500 FL 71-81 YEARS: JAN MONTH: 0600-1800 HOURS (L.S.T.)

CLASS: ALL WEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	0.0	1.0	.0	.0							6.4	6.8
NNE	.1	.1		.0	.0							.5	7.5
NE			.0	.4								.8	10.5
ENE			.0	.0	.0							1.3	10.6
E	.0	.0	.0	.1								1.5	5.7
ESE	.7	.0	.1									1.3	4.2
SE	.0		1.1	1.1								2.4	9.9
SSE	.0	1.0	1.0	.4								4.6	6.2
S	1.0	3.0	2.1	.4								6.8	6.0
SSW	1.0	3.0	2.1	.0								8.2	5.3
SW	1.0	1.0	.0	.0								4.3	6.3
WSW	.0	1.0	1.1									3.1	5.7
W	1.1	1.0	.7	.3								4.3	4.6
WNW	1.0	1.0	0.3	1.0	.4							8.1	7.7
NW	.1	0.0	2.4	0.0	.0							12.3	7.8
NNW	0.3	0.1	0.0	4.0	.3	.1						15.8	8.6
VARBL													
CALM												15.1	
	1.1	22.0	23.9	14.9	1.5	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 745

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 FORM 1-64
 1-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-64 STATION NAME 71-21 YEARS MONTH JAN
 CLASS ALL WEATHER
 HOURS 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.0	2.3	1.3	.4							8.9	6.1
NNE	.7	.4	.6	.3	.7							2.4	6.2
NE	.7	.7	.7	.4								1.8	6.0
ENE	.4	.7	.7	.6								1.9	7.1
E	1.6	1.7	.7	.4								3.7	5.0
ESE	.7	.4	.4									1.4	4.5
SE	.9	1.6	.6	.6								3.1	6.4
SSE	.6	1.7	2.7	.3								5.8	7.3
S	.6	2.3	4.1	2.2								9.0	8.2
SSW	1.1	2.4	2.7	1.4								7.6	7.1
SW	.7	1.1	1.3	1.7	.3							4.6	8.9
WSW	2.7	1.7	1.1	.7	.1	.1						4.9	5.9
W	.7	1.4	1.1	1.3	.1							5.9	6.7
WNW	.7	1.7	1.7	1.9	.1							6.3	6.4
NW	1.7	2.4	3.4	2.7	.7							11.1	8.0
NNW	1.7	3.7	6.0	4.6	.5							16.2	9.0
VARBL													
CALM												5.2	
	16.0	24.0	3.5	2.1	2.3	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 - 67 STATION NAME PATRICK AFB FL YEARS 71-80 MONTH JAN
STATION CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.6	4.7	4.2	.7							11.5	9.3
NNE	.4	1.7	2.4	.6								5.2	7.3
NE	.3	2.1	1.5	.6	.3							5.5	7.4
ENE	1.6	3.1	1.7	.4								6.2	5.4
E	.7	3.7	1.1	.1								6.8	4.7
ESE	1.5	4.1	.6									6.2	4.5
SE	.3	1.7	2.6	.8								5.8	7.3
SSE	.4	1.1	2.7	2.4								7.2	9.0
S	.4	.7	2.7	1.4								4.7	8.9
SSW	.2	.7	1.9	2.3								4.7	10.5
SW	.5	.3	2.7	1.6								4.5	9.5
WSW	.1	.5	1.3	1.0	.7							3.1	10.2
W	.3	1.4	1.6	2.4	.4	.1						6.6	9.8
WNW	.2	.5	2.6	2.2	.4							6.7	9.8
NW	.5	.8	1.4	.8	.7							3.8	8.3
NNW	.3	1.7	3.5	3.5	.9							10.0	10.1
VARBL													
CALM												1.3	
	11.5	29.6	53.5	24.2	2.5	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC
 0-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1767 STATION NAME PATRICK AFB FL YEARS 71-80 MONTH JAN
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	3.2	4.4	.2	.2						9.1	11.6
NNE	.2	2.2	7.4	1.6								7.6	8.2
NE	.2	4.4	3.2	.6								9.2	6.6
ENE	1.1	3.4	1.2	.2								6.6	5.9
E	1.3	4.6	1.1	.6								8.7	5.3
ESE	1.2	4.4	.2	.1								6.2	4.0
SE	.8	3.6	3.2	.2								8.1	6.4
SSE	.2	1.2	4.2	7.3								10.7	9.2
S	.4	.2	1.2	.2								2.5	7.2
SSW	.2	.4	1.2	.2								2.5	6.9
SW	.2	1.2	2.2	.2	.4							4.6	9.0
WSW	.6	.2	.6	.4	.4	.2	.1					3.8	11.7
W	.1	1.2	3.3	2.4	.2	.2						6.8	10.6
WNW	.2	.2	2.4	2.6	.2							6.1	10.6
NW	.1	1.2	1.2	.4	.2							3.0	9.1
NNW	.2	.2	1.2	1.3	.2							3.9	9.3
VARBL													
CALM												1.3	
	9.4	21.	33.2	21.2	2.6	.6	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1	6	10	11-80	JAN
STATION	STATION NAME			MONTH
ALL WEATHER				1800-2000
CLASS				HOURS (L.S.T.)
CONDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.	4.6	7.8	.1							11.0	6.8
NNE	.4	2.1	2.	.4	.1	.1						6.6	7.0
NE	.1	2.1	1.1	.4								4.8	5.9
ENE	1.4	2.3	1.7	1.2								5.9	6.5
E	1.7	1.9	1.2	.2								6.3	5.2
ESE	1.5	1.4	.3									3.4	4.0
SE	2.2	4.2	1.5	.4								9.3	5.2
SSE	1.4	4.2	1.9	.2								12.5	6.6
S	1.7	2.2	1.2	.7								5.3	5.3
SSW	.3	.	.2	.4								2.9	6.6
SW	.3	.7	.5	.3								1.9	6.2
WSW	.2	1.7	.5			.1						2.5	7.0
W	.2	1.7	2.0	1.6	.3	.1						7.7	8.9
WNW	.4	1.2	1.9	1.4	.2							5.2	8.9
NW		.2	.2	.2	.5							1.2	10.5
NNW	.3	1.	2.4	1.5	.7							6.7	9.0
VARBL													
CALM												7.2	
	10.9	33.1	28.0	13.4	1.9	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL USE ONLY
 PREPARED BY
 DATE 1-1-67

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-157 STATION NAME EAST-104-170 FL YEARS 71-80 MONTH JAN
 CLASS ALL WEATHER HOURS 2100-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.2	2.2	1.2	.1							2.6	7.5
NNE	.9	.9	.9	.3	.1							2.6	6.3
NE	.7	.9	.4	.1	.2							2.4	6.1
ENE	1.1	.	1.2	.6								3.8	6.9
E	1.7	1.2	1.6	1.0								5.5	6.3
ESE	.9	.7	.6	.1								2.7	5.3
SE	1.2	2.4	1.1	.5								5.9	5.5
SSE	1.3	2.4	1.3	.6								7.7	5.6
S	3.3	4.0	2.5	.5	.1							11.3	5.4
SSW	1.9	2.2	.4									4.3	4.1
SW	.1	1.0	.4		.1							1.9	5.8
WSW	.2	1.0	.3	.1								3.0	4.9
W	.5	2.4	3.3	1.4	.2							7.8	8.0
WNW	.7	1.6	1.4	1.6	.1	.2						5.6	9.6
NW	1.0	.3	1.9	1.5	.2	.1						5.6	8.8
NNW	1.2	1.2	.4	1.6	.4		.1					3.9	8.7
VARBL													
CALM												12.0	
	12.7	29.6	24.7	11.7	1.9	.3	.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 10-10-64
 10-10-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 01 10-10-64 71-00 JAN
 STATION STATION NAME YEARS MONTH
 ALL CATHE ALL
 CLASS
 CONDITION
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	3.0	2.3	.7	.0						9.1	3.6
NNE	.0	1.0	1.0	.5	.1	.0						4.0	7.4
NE	.0	.0	1.0	.6	.1							4.1	6.8
ENE	.0	1.0	.0	.6								4.0	6.3
E	1.0	1.0	.0	.5								5.2	5.3
ESE	1.1	1.0	.4	.5								3.3	4.3
SE	1.0	2.0	1.6	.6								5.4	6.3
SSE	.0	2.0	3.0	1.0								7.5	7.4
S	1.0	2.0	2.1	.0	.0							7.1	6.2
SSW	1.3	1.0	1.6	.0								5.5	6.5
SW	.0	1.1	1.2	.7	.1							4.0	7.4
WSW	.0	1.0	.7	.0	.1	.1	.0					3.4	7.2
W	1.1	1.0	1.0	1.4	.0	.1						6.2	8.2
WNW	.7	1.4	1.0	1.7	.0	.0						6.1	8.9
NW	1.0	1.0	1.0	1.4	.4	.0						6.3	8.3
NNW	1.0	2.1	3.8	1.9	.5	.0	.0					10.0	9.1
VARBL													
CALM												8.9	
	10.0	20.0	27.7	10.6	2.0	.3	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 6140

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 SURFACE
 AND WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1007 STATION NAME LANTIERO AFB FL 71-74, 75 YEARS FE MONTH 0000-0200 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.2	1.2	.2	.2						7.6	7.4
NNE	.2	.2	.2									1.2	4.0
NE	.2	.2	.2									1.5	6.8
ENE	.2		.2									.6	6.0
E	.2	.2	.2									1.8	4.3
ESE	.2	.2	.2									2.1	5.4
SE	1.2	1.2	1.2	1.2								5.3	6.6
SSE	.2	.2	1.2	1.2								5.2	9.1
S	.1	4.1	4.1	.6								15.9	6.2
SSW	1.2	3.3	4.1									8.8	6.2
SW	.2	1.2	.6	.6								4.1	6.5
WSW	.2	.2	2.1									3.5	6.6
W	1.2	2.1	3.2	.6								7.4	6.6
WNW	.2	3.2	4.1	2.6	.2							11.8	8.3
NW	.2	1.2	3.2	1.1	.2							7.9	9.4
NNW	.2	2.2	2.4	2.6	.6							12.1	10.5
VARBL													
CALM												10.3	
	10.5	22.2	22.4	10.5	2.1	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 340

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 USAFETAC
 FORM 0-8-5 (OL-A)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 00 STATION NAME STATION 71-74, 75 YEARS FEB MONTH 1300-0500 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.1	1.2								6.5	7.0
NNE	.2	.3	.4									1.2	3.0
NE	.3	.4	.5									1.8	6.5
ENE	.4	.5	.6	.3								.9	6.3
E			1.2									1.2	9.0
ESE	.3	.4	1.5									2.9	5.9
SE		.3	1.3	.3								2.3	9.1
SSE	.4	.5	.6	.6								2.1	7.3
S	.4	2.5	3.5	1.2								15.3	6.4
SSW	.3	.4	1.3									5.9	4.1
SW	.1	.3	.6	1.3	.7							4.7	7.5
WSW	.3	1.3	2.1			.3						8.2	7.2
W	.3	1.3	2.3									6.5	8.0
WNW	.3	2.3	2.1	1.3	.3							9.2	8.5
NW	.3	2.3	2.3	4.7	.7							12.6	8.8
NNW	.3	4.5	5.7	5.7	.3							15.5	9.3
VARBL													
CALM												11.1	
	2.3	2.3	25.4	15.4	1.2	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 341

USE WITH CAUTION
 SEE FIRST PAGE

LOCAL TELETYPE UNIT
 NAME TAG
 AT UNIT SERVICE TAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION NAME 71-01 YEARS
 STATION MONTH
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.7	1.7		.1						7.8	7.0
NNE	.1	.7	.7			.1						1.5	6.6
NE	.1		1.0									1.2	7.5
ENE	.4	.4		.2								1.2	5.5
E	.7	.1	.7									1.2	5.5
ESE	.6	1.0	.6	.2								2.6	6.1
SE	.5	.1	.2	.1								2.0	6.0
SSE	.7	.6	.6	.2	.1							1.7	7.9
S	1.7	7.1	3.7	.6								9.0	6.5
SSW	1.2	1.7	.9	.7								4.7	6.1
SW	1.7	1.6	.7	.2								3.3	5.2
WSW	1.0	1.7	.7	.1								3.2	4.5
W	.1	.4	1.7	.7	.4							3.0	6.1
WNW	1.2	2.7	2.7	.7	.4		.1					3.4	8.6
NW	1.7	3.1	3.1	5.2	.1							14.4	9.1
NNW	.3	3.5	6.2	4.1	.6	.1						16.7	8.5
VARBL													
CALM												12.6	
	17.7	26.6	23.4	17.9	1.7	.4	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 688

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 15-120
 15-120-101

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 15-120-101 FL 71-80
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 MONTH
 0900-1100
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.0	2.7	4.0	0.0							12.2	8.7
NNE	1.1	1.0	0.0	0.0	0.0							4.0	5.4
NE	0.0	0.0	0.0	0.1	0.1							1.9	6.5
ENE	0.0	0.0	0.0	0.0	0.0							2.5	5.3
E	0.0	0.0	0.0	0.1	0.0							2.9	5.6
ESE	0.0	1.0	0.0	0.1	0.0							2.9	5.7
SE	0.0	1.0	0.0	0.7	0.0							3.8	6.8
SSE	0.0	0.0	1.0	0.6	0.0							3.5	7.6
S	0.0	0.0	1.1	2.1	0.0							6.6	9.1
SSW	0.0	1.0	1.0	0.0	0.0							6.0	8.4
SW	0.0	2.0	1.1	1.1	0.0							5.2	7.5
WSW	0.0	0.0	0.0	0.6	0.0							2.7	6.8
W	0.0	2.1	0.0	0.2	0.0	0.1						4.7	8.6
WNW	0.1	2.0	2.1	2.6	0.0							8.4	8.7
NW	0.0	1.0	3.4	3.7	0.0							10.5	9.0
NNW	0.0	0.0	0.6	6.6	0.0							18.3	9.7
VARBL													
CALM												3.9	
	17.1	25.7	24.9	24.7	3.2	0.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 649

USAFETAC
 0-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67 STATION 1-67 STATION NAME 71-80 YEARS 1200-1400 MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	4.0	0.1	.7							14.1	10.5
NNE	.0	2.0	4.0	2.1	.1							9.4	8.3
NE	.0	2.0	2.0	.5								5.4	7.1
ENE	.0	2.0	.0	.2								4.5	5.5
E	1.0	4.4	2.0	.2								8.5	5.3
ESE	.0	7.1	.0	.4								4.7	6.0
SE	.0	1.0	1.0	0.0								5.5	8.7
SSE	.1	1.0	3.1	1.0								6.0	8.7
S	.0	.0	.0	1.2	.4							2.6	11.4
SSW		.0	1.0	2.0	.0							4.4	10.9
SW	.0	.0	1.0	1.6	.0							4.2	9.8
WSW	.0	.0	1.1	1.2	.0							3.8	9.8
W	1.1	1.0	2.1	1.9	.0	.1						6.0	9.5
WNW	.0	.0	1.0	.0	.0	.1						4.0	10.6
NW	.0	.0	1.0	1.6	.4							4.8	9.5
NNW	.0	1.0	4.0	2.0	.4							10.6	9.7
VARBL													
CALM												.4	
	7.7	26.6	24.0	27.2	3.3	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 649

USAFETAC
 1. 57
 A. 12.1

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION: 1. 57 STATION NAME: 71-40 YEARS: 1500-1700
 CLASS: ALL WEATHER MONTH: 1500-1700
 CONDITION: HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.1	1.1	7.1	1.2							15.2	11.6
NNE	.1	1.2	3.4	3.5	.1							10.7	9.5
NE	.1	1.1	3.1	.7								6.2	7.5
ENE	.1	1.2	2.2									5.7	6.1
E	1.4	4.1	2.6	.1								8.6	5.5
ESE	.1	3.7	1.5	.6								6.2	6.3
SE	.4	2.4	4.7	1.1								8.0	7.6
SSE	.1	1.7	2.2	2.4								5.2	9.7
S		.1	.2	.4								1.4	7.5
SSW		.1	1.2	.9	.1							2.8	10.0
SW		.1	2.1	1.3	.2		.1					4.8	10.7
WSW	.1	.1	1.5	1.6	.4							3.9	11.2
W	.1	1.1	2.5	2.6	1.1	.6						7.7	11.8
WNW		.4	1.1	.5	.3							3.5	9.7
NW	.1	.4	1.2	.2	.2							2.7	10.3
NNW		.1	1.2	.9	.4							3.9	10.1
VARBL													
CALM												.4	
	1.5	22.4	39.2	26.0	4.2	.4	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 549

GLOBAL CLIMATOLOGY PROJECT
USAFETAC
WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION NAME ALL CLASS 71-76 YEARS MONTH 1900-2000 HOURS (L.S.T.)

STATION STATION NAME YEARS MONTH

ALL CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	3.1	5.2	7.5	.5							17.9	10.2
NNE	.3	1.7	2.7	.5								7.1	6.7
NE	1.7	1.0	1.3	.4								4.9	6.1
ENE	.1	2.7	.6	.1								3.9	4.8
E	1.1	2.7	1.4	.2								5.2	5.7
ESE	1.1	1.3	.7	.5								3.8	6.8
SE	.7	2.5	3.1	1.2								6.6	7.2
SSE	1.3	2.7	4.9	2.2								12.2	8.3
S	1.3	1.1	1.1	.2	.1							3.7	6.3
SSW	.4	1.7	.4	.2	.1							2.4	6.6
SW	.4	.1	1.7	.4	.1							3.2	8.0
WSW	.1	.1	1.6	.5	.4							4.1	8.0
W	.1	1.7	2.7	2.2	.5							7.7	10.2
WNW	.1	1.1	1.6	1.2								4.5	8.8
NW		.1	.7	.4	.3							2.0	9.1
NNW	.1	.1	1.7	1.6	.5							4.9	9.9
VARBL													
CALM												6.2	
	11.1	20.5	21.8	2.7	2.2							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION NAME: PATRICK AFB FL 71-80 YEARS: FEB MONTH: 2100-2300 HOURS (L.S.T.)

CLASS: ALL SEATHER

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	4.1	3.9	.1							14.2	7.9
NNE	.5	1.2	1.4	.1								3.3	6.5
NE	.2	1.1	.7	.6								2.8	5.9
ENE	.2	.7	.4	.4								1.9	7.1
E	.2	2.3	1.1	.4								4.6	5.7
ESE	1.8	.7	1.7									3.7	4.8
SE	.7	.7	1.4	.6	.7							3.9	7.7
SSE	1.7	1.7	2.1	.8								6.4	6.4
S	.5	3.7	3.7	.4								9.6	5.9
SSW	1.7	1.7	.7	.1								4.2	4.6
SW	.7	1.4	1.7	.1	.1							3.1	7.0
WSW	.4	1.1	1.1	.6								3.1	7.2
W	.7	1.7	3.6	2.9	.7							8.9	9.1
WNW	.7	.7	2.1	1.9								5.0	9.6
NW	.7	.7	.6	.8	.7							2.7	9.0
NNW	.7	2.7	2.4	4.4	.4							9.8	9.8
VARBL													
CALM												12.7	
	10.8	24.4	27.4	17.9	1.3							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 843

ADDITIONAL CLIMATOLOGY SECTION
 AFETAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67	TRICA AFB FL	71-80	FEB
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.7	3.8	4.7	.6	.						13.0	9.5
NNE	.7	1.4	2.2	.9	.1	.						5.6	7.7
NE	.7	1.2	1.4	.3	.							3.5	6.7
ENE	.4	1.1	.7	.2								3.0	5.7
E	1.1	2.7	1.4	.2								4.8	5.6
ESE	.4	1.7	1.6	.3								3.9	6.0
SE	.3	1.7	1.9	1.0	.2							4.9	7.6
SSE	.7	1.7	2.5	1.6	.2							6.0	8.3
S	1.2	1.8	2.2	.9	.1							6.0	7.1
SSW	.7	1.4	1.2	.9	.1							4.4	7.3
SW	.4	1.1	1.3	.9	.2		.					4.1	8.1
WSW	.7	.	1.2	.7	.2	.						3.6	8.0
W	.2	1.7	1.3	1.6	.6	.1						7.2	9.0
WNW	.3	1.7	2.7	1.6	.3	.	.					6.1	9.0
NW	.6	1.5	1.6	2.3	.3							6.5	9.2
NNW	.7	2.3	3.6	2.9	.4	.						10.9	9.5
VARBL													
CALM												6.4	
	12.5	25.4	31.7	22.0	2.8	.2	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 5608

USE WITH CAUTION
 SEE FIRST PAGE

JOINT CLIMATOLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1967 PATRICK AFB FL 71-74 MAL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 0000-0200
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.3	2.7	1.3	.0							5.9	9.2
NNE	.5	1.8	1.1	1.1	.3							4.6	8.1
NE	.1	.3	.3	.5								2.2	6.1
ENE	.0	.3	1.1	.8								3.5	7.2
E	1.4	1.1	1.1	.8								4.6	6.4
ESE	1.4	.0	.3									2.7	3.4
SE	1.1	2.7	1.0	1.9	.3							7.8	8.1
SSE	1.3	2.2	3.2	1.6								3.3	7.4
S	2.2	1.8	3.5	1.3								10.5	6.4
SSW	1.3	2.2	2.4	.5								6.5	6.2
SW	1.1	.0	.0	1.3								4.0	7.3
WSW	.0	2.2	1.0	.8								5.4	7.1
W	1.1	1.8	3.4	1.1		.3						9.4	8.1
WNW	1.6	.0	1.3	.8	.3							4.6	8.4
NW		.0	1.6	1.1								3.5	9.6
NNW	.5	.0	1.1	1.6	.3							4.0	9.5
VARBL													
CALM												12.6	
	10.0	21.5	26.0	16.7	1.0	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 372

USE WITH CAUTION
 SEE FIRST PAGE

U.S. NAVAL METEOROLOGICAL SERVICE
 NAVY TAC
 ALL WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 1967 STATION NAME 71-75 MAP
 STATION MONTH
 ALL WEATHER-
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.0	1.0	1.0							3.3	9.5
NNE	1.0	1.0	1.0	1.0	1.0							3.2	6.8
NE	1.0	1.0	1.0	1.0	1.0							1.9	5.7
ENE	1.0	1.0	1.0	1.0	1.0							2.2	7.0
E	1.0	1.0	1.0	1.0	1.0							4.6	7.0
ESE	1.0	1.0	1.0	1.0	1.0							1.3	2.0
SE	1.0	1.0	1.0	1.0	1.0							3.8	6.1
SSE	1.0	1.0	1.0	1.0	1.0							5.6	6.6
S	1.0	1.0	1.0	1.0	1.0							8.9	6.2
SSW	1.0	1.0	1.0	1.0	1.0							9.4	6.1
SW	1.0	1.0	1.0	1.0	1.0							5.4	5.9
WSW	1.0	1.0	1.0	1.0	1.0							3.5	5.4
W	1.0	1.0	1.0	1.0	1.0							6.2	7.5
WNW	1.0	1.0	1.0	1.0	1.0							5.1	7.7
NW	1.0	1.0	1.0	1.0	1.0							5.6	7.1
NNW	1.0	1.0	1.0	1.0	1.0							5.4	11.1
VARBL													
CALM												19.6	
	16.1	26.3	19.9	16.1	1.9							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 372

USE WITH CAUTION
 SEE FIRST PAGE

NEURAL CLIMATOLOGY - WANCH
USAFETAC
AIR WEATHER SERVICE/DAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-67 STATION NAME 71-56 MAP MONTH 1960-1960
STATION NAME STATION NAME YEARS MONTH MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.4	1.4	2.4								7.6	8.1
NNE	1.4	.4		.4								1.9	4.9
NE	.4		.4	.4								1.4	6.5
ENE	.4	.4	.4	.4								2.8	6.9
E	1.4	1.7	1.7	1.2								5.5	7.3
ESE	1.2	1.5	.4	.1								3.3	4.8
SE	.4	1.4	1.7	.4								4.0	7.0
SSE	1.2	1.4	1.4	.4								5.1	6.3
S	1.4	3.4	3.4	.2	.1							7.7	6.3
SSW	1.4	2.4	3.1	1.4								6.5	6.4
SW	.4	2.3	2.4	1.3								6.4	7.8
WSW	.4	1.4	1.7	.5								4.8	6.5
W	1.2	2.3	2.2	.5	.1							6.3	6.3
WNW	.4	1.4	1.2	.3								3.7	6.2
NW	.4	1.4	1.4	1.2	.4							5.3	9.4
NNW	.4	1.4	4.4	3.5	.2							10.6	10.1
VARBL													
CALM												14.9	
	14.1	26.4	27.9	14.9	1.5							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 777

USE WITH CAUTION
SEE FIRST PAGE

U.S. AIR FORCE
 WAFB
 AIRCRAFT SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION PATRICK AFB FL 71-80 YEARS MAR MONTH
 ALL WEATHER CLASS 900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	2.6	2.3	.2							8.0	9.8
NNE	.0	1.1	1.7	.9	.2							4.6	8.0
NE	.4	1.7	.7	.2								2.7	5.4
ENE	1.1	2.9	1.7	1.4								5.9	7.0
E	2.1	2.9	1.6	1.5								8.3	6.5
ESE	1.6	2.9	.9	.2								5.4	5.0
SE	1.2	2.4	3.2	.9								7.6	6.6
SSE	.4	1.3	2.2	1.5								5.5	8.5
S	.4	1.4	3.9	1.3								7.0	8.2
SSW	.6	1.7	2.7	3.2	.7							6.6	9.4
SW	.2	1.5	1.9	2.9	.1							5.8	9.3
WSW	.2	1.7	1.4	1.6								4.8	8.4
W	1.2	1.6	1.4	1.6	.7	.1						6.6	7.7
WNW	.2	1.2	1.7	.5								3.5	6.8
NW		1.3	1.4	1.6	.1							4.4	9.5
NNW	.2	1.5	4.1	2.7	.4							9.3	9.4
VARBL													
CALM												2.3	
	12.2	27.1	32.2	24.4	1.3	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
 CHARLOTTE
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 07 STATION NAME PAIRICK AFB FL 71-11 YEARS
 CLASS ALL WEATHER
 CONDITION
 MONTH 12-0-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.1	2.2	7.2	.7							6.2	10.9
NNE	.1	.7	2.2	8.7	.1							7.2	10.5
NE	.1	1.1	3.3	1.9								7.2	8.5
ENE	.7	4.5	7.1	1.2								8.8	7.3
E	1.2	5.7	4.1	1.2								13.0	6.5
ESE	1.2	7.1	7.1	.1								10.5	5.7
SE	.7	2.2	6.2	2.6	.7							11.8	8.9
SSE		.7	2.2	2.6								6.9	10.3
S	.7	.7	1.1	.5		.1						2.2	9.8
SSW		.7	1.1	.4	.7	.1						2.2	11.4
SW	.1	.7	1.6	1.3	.7	.7						5.1	11.7
WSW	.7	.4	1.6	2.6	.6							5.9	11.1
W		.1	1.7	2.0	.7	.7	.1					4.6	13.1
WNW	.7	.7	.6	1.3	.1							3.0	9.5
NW		.7	.5	.7	.1							1.1	10.6
NNW	.1	.7	1.7	1.1	.7							3.2	9.9
VARBL													
CALM												.5	
	4.5	25.1	33.5	26.0	2.0	.7	.1					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
USAFETAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1967 KETCHIKAN AFB, AK 71-80 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.7	2.7	.0							5.1	11.9
NNE		.4	2.4	7.4								9.2	11.3
NE	.1	1.0	3.0	1.7								6.5	8.7
ENE	.7	2.4	2.7	1.1								8.5	7.1
E	.7	2.4	4.7	.8								14.5	6.2
ESE	1.1	3.7	2.3	.4								10.2	6.0
SE		3.7	6.0	4.1	.1							14.1	9.3
SSE	.7	1.1	4.2	4.0	.7							10.8	10.3
S		.4	.0	.4								1.9	8.4
SSW	.1		.7	.2								.6	8.8
SW		.7	1.1	1.1	.7	.7						3.0	13.4
WSW	.1	.8	1.7	2.4	.7	.1						4.7	12.7
W		.7	2.0	2.3	.4	.2						6.5	12.7
WNW		.7	.6	.6	.3	.1						1.8	11.9
NW		.7	.4	.4								1.2	9.1
NNW		.7	.3	.3								1.0	9.3
VARBL													
CALM												.4	
	1.1	26.1	36.3	24.9	3.0	.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 67 STATION NAME: HATHORN AFB FL YEARS: 71-72
CLASS: ALL WEATHER
CONDITION:
MONTH: 18.0-2000
HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.0	3.5	.6							6.4	10.7
NNE	.2	1.2	2.1	1.4	.1							5.9	8.9
NE	.2	1.0	1.5	.5								4.5	7.2
ENE	.2	2.2	2.8	.6								6.5	7.1
E	1.0	5.2	1.8	.6								11.5	5.1
ESE	1.7	2.1	1.4	.1								6.3	5.2
SE	1.1	5.5	3.2	1.6								14.2	7.2
SSE	.2	3.4	5.4	4.9	.2							17.8	9.0
S	.2	1.1	2.3	1.6								4.6	7.8
SSW	.1	.2	.5	.2								1.1	7.6
SW		.2	.2	.6	.1							2.0	9.8
WSW		1.1	1.2	1.5								3.9	9.4
W	.1	1.0	2.2	2.9	.4							7.1	9.9
WNW	.1	.2	1.1	.6	.1	.2						2.4	10.9
NW		.2	.2	.3		.2						.9	13.4
NNW			.2	.1								.6	8.7
VARBL													
CALM												2.7	
	2.2	27.2	37.5	21.9	1.0	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 AFM 7-10.1
 1-67

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION NAME	YEARS	MONTH
1-67	STATION NAME	71-73	1-10-2300
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	4.0	2.0	.0							6.7	6.9
NNE	.0	1.0	.0	.0								5.4	7.2
NE	.0	.0	1.0	.0	.1							2.8	8.4
ENE	.0	1.0	1.4	.7	.1							3.7	7.0
E	1.7	2.1	2.6	.9								7.2	6.5
ESE	.0	1.7	1.7	.3								6.1	4.7
SE	1.0	4.0	4.0	1.2								10.3	7.0
SSE	1.0	4.0	5.1	1.3								12.9	6.7
S	.0	3.0	4.0	1.4								11.9	6.7
SSW	1.1	1.0	.0	.1								3.3	5.3
SW	.0	1.0	1.1	.7								3.2	7.3
WSW	.0	1.7	1.6	.0								4.3	6.7
W	.0	2.0	2.0	.9	.0	.1						7.5	7.6
WNW	.1	.0	1.7	.8	.0							3.7	9.1
NW		.0	.1	.2	.0							.8	11.3
NNW		1.1	.0	.0	.1							2.0	7.5
VARBL													
CALM												7.1	
	14.3	29.3	34.5	12.0	1.0	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 899

USE WITH CAUTION
 SEE FIRST PAGE

1. SURFACE WINDS
 2. WINDS
 3. WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION 2. STATION NAME 3. YEARS 4. MONTH 5. ALL WEATHER CLASS 6. ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.2	1.9	.7							7.5	9.9
NNE	.1	.1	1.1	1.9	.1							5.3	9.3
NE	.1	1.1	1.6	.6								4.0	7.8
ENE	.1	2.1	1.3	.9								5.7	7.1
E	.1	4.1	2.0	1.1								9.5	6.2
ESE	1.1	3.1	1.8	.3								5.5	5.3
SE	.7	3.1	4.6	1.9	.1							10.0	7.9
SSE	.1	2.1	4.1	1.6	.1							9.6	8.5
S	.1	1.1	2.6	.9		.1						6.3	7.2
SSW	.7	1.1	1.6	.6	.1	.1						4.4	7.6
SW	.1	1.1	1.4	1.2	.7	.1						4.3	9.3
WSW	.1	1.1	1.4	1.4	.7	.1						4.7	9.0
W	.1	1.1	2.2	1.2	.7	.1	.1					6.6	9.2
WNW	.1	.1	1.1	.7	.7	.1						3.2	8.6
NW	.1	.7	.7	.8	.1	.1						2.5	9.5
NNW	.1	.1	1.7	1.4	.7							4.3	9.6
VARBL													
CALM												5.8	
	11.2	27.1	53.4	11.2	2.0	.3	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 6140

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 FORM 8-5
 1-64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-67 STATION NAME STATION 448 PL YEARS 71-74, 72 APP. MONTH APR
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	2.0	.7								4.4	8.0
NNE	.0	.0	.0	.0								.9	5.7
NE		.0	1.4	.0								2.8	8.2
ENE	.0	.0	.0	2.0								3.5	11.5
E	1.0	3.0	5.2	4.7								11.4	8.2
ESE	1.0	2.0	2.6	.3								6.3	6.5
SE		1.0	4.4	.0								7.0	8.0
SSE	.0	.0	.0	.0								2.2	4.3
S	3.2	5.4	7.0	.9								16.5	6.2
SSW	.0	2.0	.0	.0								4.7	6.9
SW	.0	1.0	2.5	.0								7.6	6.2
WSW	.0	.0	1.6	.3								3.4	6.5
W	1.0	3.0	5.7	.0								11.7	7.0
WNW	.0	2.0	1.9	1.3								6.6	7.7
NW	.0	.0	1.3									1.6	7.6
NNW	.0	.0	.0	1.3								3.2	8.5
VARBL													
CALM												4.1	
	17.0	29.0	37.7	10.0								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 316

USE WITH CAUTION
 SEE FIRST PAGE

USAF CLIMATE LOGS - RANGE
AFETAC
AFETAC SURVIVAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 67 STATION NAME 71-76 YEARS 4P-
MONTH 300-0500
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	.7	.7								3.4	7.7
NNE	.7	.7	.7									.9	6.0
NE		1.7	1.7	.6								3.8	8.4
ENE		1.7	1.7	2.9	.7							6.0	10.4
E	.7	1.7	2.9	2.9								6.6	8.3
ESE	.7	1.7	2.9	.3								5.3	7.8
SE	.9	1.7	2.9									4.4	6.5
SSE		.7	1.7	.6								3.4	7.9
S	1.7	.7	1.7	.6								10.3	5.8
SSW	1.7	2.4	.7	1.3								7.2	6.0
SW	.7	2.4	2.9	.9								9.2	5.8
WSW	1.7	2.1	1.7									6.6	5.0
W	1.7	.7	2.4	.3								9.4	6.0
WNW	1.7	.7	1.7	1.3								7.2	6.8
NW	.7	2.4	1.7	1.3								6.0	6.9
NNW	.9	.7	.9	1.6								4.1	8.5
VARBL													
CALM												7.2	
	16.7	32.7	30.1	13.8	.7							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 319

USE WITH CAUTION
SEE FIRST PAGE

U.S. AIR FORCE TROOPING - A-1
 TAC
 STATION - 06-110-7140

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-67 STATION 06-110-7140 71-67 APR
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.3	.9	.0							8.1	7.6
NNE	.0	.0	.4	.1								1.3	6.1
NE		.3	1.2	1.2	.0							3.0	11.2
ENE	.4	.0	1.0	.0								4.2	8.1
E	.4	2.1	3.4	2.3								8.2	8.6
ESE	.0	1.0	1.6	.8								5.2	7.1
SE	1.0	1.0	2.6	.8								5.7	7.2
SSE	.0	1.0	1.6	.6								4.0	7.9
S	1.0	2.0	2.0	.0								7.8	6.3
SSW	1.0	3.4	2.6	1.7	.1							9.5	6.7
SW	1.0	2.7	1.6	.4								6.5	5.7
WSW	1.0	2.2	1.7	.1								5.7	5.5
W	1.4	3.4	.0	.3								5.8	5.0
WNW	.0	2.0	.6	.4								4.7	5.7
NW	.0	1.0	2.2	1.9	.0							7.1	8.4
NNW	.0	2.7	2.7	2.2								8.2	8.1
VARBL													
CALM												7.0	
	13.9	32.1	30.9	15.1	1.0							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 770

USE WITH CAUTION
 SEE FIRST PAGE

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION NAME PATRICK AFB FL 71-80 YEARS APR MONTH 0900-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	2.7	1.9	.1	.1						5.8	10.1
NNE	.2	2.3	1.1	2.3	.3							7.0	8.8
NE	.2	1.2	1.1	.6	.3							3.9	7.8
ENE	.2	.2	2.3	1.3	.1							7.6	7.6
E	1.1	2.7	4.6	.1								11.4	8.2
ESE	.2	2.7	4.2	.2								6.9	7.4
SE	.2	2.1	1.1	1.0	.1							8.9	8.0
SSE	.2	.4	2.7	1.7	.1							5.2	9.3
S	.2	1.2	2.3	1.6	.1							5.9	9.3
SSW	.2	.2	1.4	1.6	.3							5.3	8.8
SW	.2	1.2	2.3	1.2	.7							5.4	10.0
WSW	.2	2.2	2.6	1.0	.1							6.0	7.8
W	.2	1.4	2.1	.9								6.4	6.1
WNW	.2	1.2	1.1	.3								3.3	6.7
NW	.1	.2	1.1	1.0	.1							3.1	9.0
NNW	.2	1.4	3.4	1.4								6.8	6.3
VARBL													
CALM												1.0	
	1.6	24.6	41.6	21.6	2.3	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC
 AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 71-81
 STATION NAME STATION NAME YEARS
 ALL WEATHER
 55
 CONDITION
 APR
 MONTH
 1200-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	.7	1.6	1.1	.1							2.6	10.7
NNE		.4	2.4	2.9	.5							5.4	11.4
NE	.1	1.7	4.3	2.1	.2							8.9	9.2
ENE	.4	2.7	7.0	1.6	.1							9.2	8.1
E	.4	5.7	9.7	3.3								19.1	7.9
ESE	.5	3.7	7.6	.2								12.0	7.0
SE	.3	1.6	7.7	3.7								13.0	9.2
SSE		.7	1.4	2.3	.7							4.3	11.7
S		.1	.6	.3								1.8	10.8
SSW		.1	.1	.4								1.3	10.1
SW		.7	1.1	.9	.4							2.7	11.3
WSW	.4	.4	2.2	2.2	1.7	.1						6.2	11.5
W	.1	.1	3.4	1.9	.1	.1						6.2	9.9
WNW	.4	.3	.4	.9	.1							1.9	9.6
NW	.7	.1	.3	.3								1.0	7.8
NNW		.4	.6	1.6								2.0	9.8
VARBL													
CALM												.3	
	2.4	14.7	45.2	26.8	3.7	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ANAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67 STATION 146100 AFB FL STATION NAME 71-80 YEARS APR MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.0	1.4	.7							2.9	12.0
NNE	.1	.4	2.9	1.1	.7							8.7	11.4
NE	.2	1.1	6.6	2.8								9.6	9.3
ENE	.7	2.7	3.3	1.2	.1							3.2	7.5
E	.5	4.1	2.8	2.8	.1							17.4	8.3
ESE	.7	4.1	3.1	.7								10.6	7.0
SE	.7	2.7	6.1	3.1	.1							16.8	9.5
SSE		.1	2.2	4.9	.6							7.9	11.9
S	.1		.4	.1								.7	8.3
SSW	.1	.3	.7	.3								1.4	8.5
SW		.1	.5	.6								1.8	11.8
WSW	.1	.4	2.6	1.8	.6							5.1	10.4
W	.7	1.1	2.7	2.7	.4	.3						6.9	10.5
WNW			1.0	.7								1.7	10.1
NW	.1		.1	.1								.3	9.0
NNW				.1								.1	12.0
VARB													
CALM												.1	
	3.1	17.2	46.9	33.0	2.3	.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 899

CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20343
 AIRCRAFT SERVICE/7000

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 PATRICK AFB FL 71-80
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION

APR
 MONTH
 1980-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	2.6	1.6	.1							4.7	10.2
NNE	.1	1.6	3.9	2.1	.7	.7						7.3	10.2
NE	.3	1.6	2.6	1.2								5.9	8.2
ENE	1.3	2.2	1.7	1.8	.1							7.1	7.7
E	1.7	5.1	6.2	3.7								15.1	7.1
ESE	1.1	3.7	3.8	.9								8.9	6.6
SE	.4	4.2	6.8	7.3								14.8	8.4
SSE	1.8	2.3	7.0	6.2	.1							16.8	9.4
S	.4	.6	.8									1.8	5.8
SSW		.4		.2								.7	8.2
SW	.2	.4	.6	.6								1.8	9.1
WSW	.2	1.2	1.3	.2								3.0	7.0
W	.2	2.7	3.8	1.6	.1							7.7	8.4
WNW	.2	.1	1.1	.7								2.1	9.2
NW	.1	.2	.2	.1								.7	6.3
NNW		.1	.1									.2	6.0
VARBL													
CALM												1.6	
	7.6	26.7	41.8	21.3	.0	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

ANNUAL CLIMATOLOGY - HANCH
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 01 STATION NAME 71-40 YEARS APR
 MONTH
 2100-2300
 HOURS (L.S.T.)
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.2	.7								5.0	7.4
NNE	.2	1.1	1.1	1.3	.1	.1						4.7	9.0
NE	.4	1.1	2.0	.7								5.9	7.8
ENE	.4	1.1	2.0	1.7	.1							5.6	8.8
E	1.1	3.1	4.2	2.2	.2							11.8	7.6
ESE	1.3	3.3	2.7	1.4								8.8	6.8
SE	1.0	2.2	4.4	1.2								10.8	6.8
SSE	.2	3.6	3.0	1.0	.1							12.4	7.8
S	.2	.2	1.0	1.0								10.7	5.7
SSW	1.1	.7	.6	.4								2.8	5.5
SW	.2	1.1	.2	.2	.1							2.9	6.4
WSW	.2	1.0	1.7	.4								4.2	6.9
W	1.2	1.2	3.0	.3								7.4	6.9
WNW	.2	.2	1.7	.4								2.4	7.9
NW			.7									.7	8.3
NNW		.1	.2		.2							.6	11.4
VARBL													
CALM												3.5	
	13.3	20.4	33.4	14.3	.2	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 834

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 USAFETAC
 AFM 64-10-1 (OL-A)

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 PATRICK AFB FL 71-80
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 MONTH ALL
 HOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	2.1	1.2	.1	.1						4.4	9.2
NNE	.1	1.1	2.1	2.3	.7	.1						5.8	10.2
NE	.1	1.1	3.1	1.3	.1							5.9	8.8
ENE	.4	2.1	2.3	1.6	.1							6.7	8.1
E	1.1	3.7	6.1	2.7	.1							13.4	7.9
ESE	.1	2.1	4.1	.7								8.5	7.0
SE	.7	2.4	5.7	2.3	.1							11.2	8.4
SSE	.4	1.3	3.4	3.6	.1							7.9	9.4
S	1.1	1.3	2.1	.8	.1							5.6	6.8
SSW	.7	1.1	1.1	.7	.1							3.6	7.3
SW	.7	1.1	1.3	.7	.1							3.9	8.0
WSW	.5	1.5	2.1	.9	.1							5.1	8.1
W	1.1	2.1	2.3	1.2	.1	.1						7.2	7.7
WNW	.3	1.1	1.1	.6	.1							3.1	7.6
NW	.3	.1	.1	.6	.1							2.2	8.2
NNW	.1	.1	1.1	.8	.1							3.0	8.5
VARBL													
CALM												2.5	
	5.3	25.2	41.3	21.0	1.6	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5638

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 167 PATRICK AFB FL 71-73,70 MAY
 STATION STATION NAME YEARS
 ALL WEATHER CLASS
 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	1.1									5.0	4.3
NNE	1.1	.4										2.1	2.0
NE	.4	1.1	.4									2.1	4.8
ENE		.4	1.4									1.0	7.6
E	1.1	2.1	3.4	1.4								6.6	7.8
ESE	1.4	2.1	1.1	.4								5.0	5.3
SE	1.1	2.1	3.4	.4								7.1	6.7
SSE	1.1	2.1	3.4	.7								6.9	6.3
S	4.6	5.7	7.2									13.6	5.0
SSW	1.1	5.7	1.4									10.7	4.5
SW	1.1	2.1	1.1									4.3	5.2
WSW	1.1	1.4	.7	.7								4.6	5.5
W	1.1	2.1	.7									6.8	4.3
WNW	1.1	2.1	1.4									5.7	4.8
NW	.7	.7	1.1	.7								3.9	7.7
NNW		.7	.4	.4								1.4	7.6
VARBL													
CALM												8.2	
	26.4	35.7	26.1	4.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 280

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 U.S. AIR FORCE
 AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1067	PATRICK AFB FL	71-76	MAY
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0300-0500
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.0	.3									2.3	4.1
NNE	1.4	1.0	1.0									3.5	4.6
NE	.7	.7										1.4	3.3
ENE	.7		1.4	.3								2.4	7.3
E	1.4	1.4	1.4	1.7								6.3	7.3
ESE	.7	1.1	1.4	.7								4.5	6.7
SE		.7	2.1	1.4								4.2	9.3
SSE	1.4	1.4	1.4	1.1								5.2	6.7
S	1.4	5.1	1.4	.3								12.2	5.3
SSW	.7	2.1										4.9	3.4
SW	1.1	3.1	.7									7.0	4.2
WSW	3.1	.7	1.4	.7								9.4	5.0
W	1.1	5.3	2.1									10.8	4.5
WNW	1.4	2.4	.7									4.5	4.5
NW	1.0	.7	1.7	.3								3.6	6.3
NNW	.7	1.7	1.7	.3								4.5	6.5
VARBL													
CALM												12.5	
	23.8	33.4	22.0	6.3								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 287

USE WITH CAUTION
 SEE FIRST PAGE

GLOBAL CLIMATE/CLIMATE WATCH
USAFETAC
A. CLIMATE SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 PATRICK AFB FL 71-80
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MAY
MONTH
1600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.2	.5								4.8	6.5
NNE	.1	1.4	.8	.7								3.1	6.3
NE	.4	1.7	.6	.3								2.7	6.2
ENE	1.0	1.4	1.3	1.0								4.6	7.2
E	1.1	2.3	3.1	1.1								7.9	6.8
ESE	1.0	2.1	1.2									5.0	5.1
SE	.8	2.1	2.2	.4								5.5	6.5
SSE	1.7	2.1	2.4	.6								7.1	6.7
S	2.4	2.1	2.6	.2								6.0	5.7
SSW	2.4	3.4	1.1	.5								8.2	5.4
SW	1.0	2.0	1.8	.1								6.6	5.7
WSW	1.7	2.0	2.7	.2								7.4	5.7
W	1.1	1.0	2.7	.4								9.8	5.0
WNW	1.1	1.2	1.2	.1								3.6	5.6
NW	1.4	1.0	1.3									4.3	5.3
NNW	.3	1.0	1.2	.3								2.8	7.3
VARBL													
CALM												9.1	
	27.7	35.5	20.3	4.5								110.0	5.4

TOTAL NUMBER OF OBSERVATIONS 928

1. ALL OLD OBSERVATIONS
 2. STATION
 3. DATE - 1900-11-30

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 67 STATION NAME 71-61 YEARS MAY
 CLASS ALL WEATHER
 CONDITION
 1900-1130
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.0	.5								3.1	7.3
NNE	.0	1.0	1.0	1.2								3.3	7.2
NE	.4	2.0	1.0	.6								3.2	6.8
ENE	1.2	3.4	1.4	1.3	.1							7.4	7.1
E	1.0	2.7	4.4	1.8								14.7	6.7
ESE	.0	4.4	2.7	.2								2.2	5.9
SE	.2	2.0	4.4	.6								.2	7.5
SSE	.0	1.0	5.0	1.0								6.8	8.6
S	.0	1.0	2.0	.0								4.3	7.8
SSW	.4	1.0	1.0	.2	.1							4.1	8.0
SW	.4	.0	2.0	.5	.2							4.6	8.3
WSW	1.2	2.3	2.4	.4	.2							6.8	7.0
W	.2	1.3	2.3	.0								8.6	6.1
WNW	.4	1.0	1.0	.1								2.9	6.2
NW	.2	1.0	1.4	.3	.1							4.3	6.4
NNW	.0	1.0	1.2									2.7	6.0
VARBL													
CALM												1.8	
	12.4	36.0	35.1	12.0	.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 1. U.S. AIR FORCE
 2. U.S. AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 67 STATION NAME AIRPORT AND FL YEARS 71-76
 CLASS ALL WEATHER
 CONDITION
 MAY
 MONTH
 1200-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N												1.5	9.9
NNE												3.5	11.1
NE												6.6	8.8
ENE												10.3	7.6
E												24.1	7.3
ESE												14.7	7.1
SE												11.7	8.7
SSE												3.5	9.8
S												1.7	7.1
SSW												1.3	10.8
SW												2.3	8.6
WSW												4.5	8.5
W												5.5	8.6
WNW												2.5	8.0
NW												1.2	7.4
NNW												.6	4.7
VARBL													
CALM												.5	
	4.5	16.0	48.3	17.4	.6	.2						170.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 WINDS
 A. METEOROLOGICAL SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION 141500 AFM FL STATION NAME 71-50 YEARS MAY MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.7	.3	.4								1.7	9.6
NNE	.7	.1	1.7	1.7	.3							4.4	11.5
NE		1.1	4.7	1.9	.1							8.0	9.2
ENE		1.7	8.7	1.3								9.0	8.6
E	.7	1.6	11.6	1.3								19.7	6.0
ESE	.6	5.2	8.1	.7								14.3	6.8
SE	.1	4.7	.1	3.8	.1							15.8	8.8
SSE	.1	1.1	4.2	5.8	.7							9.8	10.4
S	.4	.4	.7	.7								2.5	7.0
SSW	.4	.4	.5	.7								1.8	6.7
SW	.1	.6	.7	.7								1.5	8.4
WSW	.1	.	1.2	1.2	.1							3.1	9.8
W	.7	.	1.5	1.5	.1							4.1	9.5
WNW	.1	.	.6	.6								1.4	10.0
NW		.1	.1	.1								.3	9.0
NNW	.1	.7	.1	.1								.5	6.6
VARBL													
CALM												1.1	
	1.7	12.4	39.7	21.6	1.2							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 - 67 STATION NAME STATION NAME YEARS MONTH
HARRICK AFB FL 71-70 MAY
ALL FLATHER CLASS 1800-2000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.1							2.8	8.6
NNE	.0	1.0	1.0	1.0								4.4	8.9
NE	.0	1.0	2.7	.0								5.9	7.8
ENE	1.0	1.1	3.4	1.3								6.8	7.8
E	.0	.0	7.0	1.6								16.6	6.9
ESE	1.5	6.0	4.3	.1								12.2	5.9
SE	1.1	4.0	7.0	1.0	.1							14.6	7.7
SSE	.4	2.4	.0	2.4	.0							15.4	9.6
S	.0	2.0	2.4	.0		.1						6.5	7.3
SSW	.0	.0	.0	.0								2.0	6.4
SW	.1	.0	.0	.1								1.2	6.9
WSW	.1	.0	1.3	.0								2.0	7.6
W	.0	1.0	1.4	1.2	.1							4.5	8.3
WNW	.1	.0	.0	.0								1.5	7.4
NW		.0	.1	.1								.8	6.6
NNW	.1	.0	.0	.1								.8	6.7
VARBL													
CALM												3.2	
	2.0	51.0	42.3	14.6	1.2	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC
 0-8-5 (OL-A)
 JUL 64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 PATRICK AFB FL 71-20 MAY
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 21 00-23 00
 MONTH
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	1.0	.3								3.2	7.0
NNE	.0	.0	1.0	.7								2.7	7.7
NE	.7	1.0	.0									3.1	5.6
ENE	.7	1.0	1.0	1.5								5.3	7.8
E	1.1	2.0	4.0	2.1								12.6	7.0
ESE	1.4	6.0	2.7	.7								11.6	5.4
SE	1.1	1.0	3.0	.3								10.6	6.1
SSE	1.0	3.0	.0	1.3	.1							13.3	7.0
S	1.0	4.0	3.0	.4								11.9	5.5
SSW	.0	2.0	1.5	.4								5.6	6.3
SW	.4	.7	.0									1.7	5.6
WSW	.7	1.0	1.3	.1								3.6	5.9
W	1.4	2.1	1.7	.1								5.3	5.7
WNW	.7	1.0	.7	.3								3.2	6.5
NW	.1	.0	.3									.7	6.0
NNW		.1	.1									.3	7.5
VARBL													
CALM												6.2	
	17.4	36.4	32.1	7.8	.1							100.0	6.0

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 714

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION NAME PATRICK AFB FL 71-60 YEARS MAY MONTH ALL CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.4	.5	.1							2.6	7.3
NNE	.1	.1	1.1	1.5	.1							4.5	8.7
NE	.1	1.1	3.1	.9	.1							5.6	7.8
ENE	.7	1.1	3.3	1.1	.1							6.8	7.8
E	1.4	3.7	6.6	2.7								15.2	7.2
ESE	1.1	4.3	4.6	.3								10.4	6.3
SE	.1	3.3	5.3	1.5	.1							10.6	7.8
SSE	.5	1.6	4.1	3.3	.2							9.3	8.6
S	1.4	3.7	2.1	.4	.2	.1						6.3	6.2
SSW	1.1	1.1	1.1	.4	.1	.1						4.1	6.1
SW	.1	1.1	1.0	.3	.1							3.1	6.7
WSW	.3	1.1	1.8	.6	.1							4.9	6.9
W	1.4	2.4	1.8	.8	.1							6.6	6.5
WNW	.1	.1	.4	.3		.1						2.6	6.5
NW	.1	.1	.7	.2	.1							3.2	6.2
NNW	.1	.1	.6	.1								1.5	6.6
VARBL													
CALM												4.0	
	12.4	31.5	34.4	12.7	.6	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5929

USE WITH CAUTION
SEE FIRST PAGE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1-667	CATRICIA ACO FL	71-73	JUN
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		0000-1200
	CLASS		HOURS (L.S.T.)
	CONDITION		

[illegible]

TOTAL NUMBER OF OBSERVATIONS 270

USE WITH CAUTION
SEE FIRST PAGE

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1957	PATRICK AFB FL	71-73, 75-77	JUN
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0300-0600
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4										.4	4.0
NNE	.4	.7	.4									1.5	5.5
NE	.7	1.1	.4									2.2	4.7
ENE	1.1	1.0	.7									3.3	4.3
E	2.0	1.3	4.0	2.6	.4							13.1	8.6
ESE	.0	1.1	1.0									2.9	7.0
SE	.4	2.0	.7	.4		.4						4.4	7.3
SSE	.0	.7			.4							3.3	4.8
S	1.2	1.0		.4								5.1	3.6
SSW	.7	4.4	1.1	.7								6.9	5.8
SW	2.0	3.0	4.0	1.0	.4							12.4	7.1
WSW	.0	3.3	4.4	1.1								10.9	6.4
W	1.0	4.7	1.8									9.0	5.1
WNW	.7	2.0	.4									3.6	4.3
NW	.7											.7	3.0
NNW													
VARBL													
CALM												21.2	
	10.7	29.9	19.7	3.0	1.1	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 274

USE WITH CAUTION
SEE FIRST PAGE

U.S. AIR FORCE
 AIRCRAFT
 WEATHER SERVICE/NAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION PATRICK AFB FL 71-83 YEARS JUN
 MONTH
 600-0800
 HOURS (L.S.T.)
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0									2.0	4.2
NNE	.7	1.0	.7	.3								2.7	6.1
NE	.4	1.1	1.7	.4								3.7	6.9
ENE	.0	1.0	.0	.8								3.9	6.7
E	.0	1.0	2.0	1.1	.7							8.0	7.6
ESE	1.1	1.0	.8	.2		.1						2.6	5.7
SE	.7	1.0				.7						2.4	6.8
SSE	.0	.7	.4	.4								2.3	6.2
S	.0	2.7	1.0		.7							8.2	4.7
SSW	1.0	.0	.3	.4								5.8	5.1
SW	.0	3.0	2.8	.3								8.2	5.6
WSW	.7	4.0	4.0	.8	.1							13.3	6.0
W	1.7	3.4	1.1	.1								9.3	4.4
WNW	1.0	2.0	.2									5.0	4.5
NW	1.0	.0	.6									2.4	4.7
NNW	.2	.0	.4									1.6	5.4
VARBL													
CALM												18.3	
	20.4	33.0	10.3	6.0	.4	.4						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 PATRICK AFB FL 71-60 JUN
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.6	.3	.3								1.7	6.0
NNE	.3	1.1	1.9	.4								4.1	7.4
NE	1.8	2.8	3.3	.7								6.6	6.6
ENE	2.1	6.7	1.9	1.1								11.2	5.7
E	3.2	6.7	3.2	2.6	.7							18.0	6.6
ESE	1.0	5.7	1.0									7.6	4.7
SE	.3	2.3	1.3	.1	.3							4.9	6.5
SSE	.2	1.3	.9	.6								3.1	7.2
S	.3	1.9	1.1	.7	.1							3.4	6.4
SSW	1.0	.7	1.0	.4	.1	.7						3.4	7.7
SW	1.1	1.3	1.0	.7	.1							4.2	6.9
WSW	2.4	3.6	3.4	1.0	.7							10.8	6.5
W	2.7	3.7	3.3	.7								10.2	5.8
WNW	1.2	2.9	.4									4.6	4.6
NW	.3	1.3	.6	.1								2.9	5.1
NNW	1.7	1.0	.4									2.8	4.2
VARBL													
CALM												2.6	
	21.0	41.1	24.3	7.9	1.3	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-67 STATION PATRICK AFB FL 71-80 YEARS 00 MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1		.7	.2	.1							.8	10.7
NNE	.1		1.6	1.7								2.7	10.0
NE		1.1	4.2	1.8	.3							5.1	9.2
ENE	.2	3.9	4.9	1.8								10.7	7.7
E	1.2	13.6	1.1	2.8	.4							28.1	7.1
ESE	1.2	2.2	6.6	.3								17.3	6.1
SE	.3	2.9	6.1	.2								6.6	7.1
SSE	.2	1.1	1.9	1.2	.3							5.4	8.8
S	.1	.1	.2	.2								1.2	7.1
SSW	.2	.3	.3	.7	.1							2.1	9.1
SW	.1	.7	.2	.7	.4							2.7	10.3
WSW	.2	2.1	1.9	1.7	.3							5.3	9.0
W	.7	.3	1.7	.8								3.2	7.6
WNW	.1	.1	.1	.3	.1							.9	9.4
NW	.1	.2										.3	3.7
NNW	.1	.3	.2									.7	6.2
VARBL													
CALM												.9	
	5.8	37.4	39.6	13.7	2.2							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 C. A. L. T. A. C.
 AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION NAME PATRICK AFB FL 71-80 YEARS JUN MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2	.3								1.3	9.3
NNE	.1	.1	1.2	1.4	.2							4.3	10.6
NE	.1	1.1	3.4	1.2	.2							6.9	8.6
ENE	.1	1.1	4.1	.3	.1							9.1	8.4
E	1.1	7.1	3.7	.2	.4							19.4	7.6
ESE	.3	.2	5.1	.6								12.3	6.8
SE	.1	3.1	2.3	1.7								14.3	7.7
SSE	.1	2.1	4.6	2.6	.1							15.2	9.0
S	.1	1.2	2.1	1.1								5.7	8.2
SSW	.1	1.1	1.2	.1	.1							2.7	6.7
SW	.1	1.1	1.2	.7	.2		.1					3.6	9.8
WSW		.1	1.1	1.7								4.2	9.9
W	.1	.1	1.1	1.1	.1							2.7	9.8
WNW		.1	.3	.1	.1							.7	9.3
NW		.1		.1		.1						.3	14.7
NNW	.1	.1		.2	.1							.6	11.6
VARBL													
CALM												1.6	
	1.7	24.6	47.4	16.8	2.1	.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE
 WAFB
 AIR WEATHER SERVICE/WAFB

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION NAME PATRICK AFB FL 71-80 YEARS JUN MONTH 1800-2000 HOURS (L.S.T.)

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.2	.2								1.1	8.2
NNE	.2	1.4	.2	.4	.1	.1						3.2	8.1
NE	.4	1.7	2.4	1.2	.1							5.9	8.2
ENE	.2	1.0	2.0	1.4								6.4	8.1
E	1.2	5.5	4.1	2.4		.1						14.2	7.5
ESE	.2	2.7	1.9	.2								6.7	5.2
SE	1.7	4.4	6.0	.3	.1							12.6	6.7
SSE	1.2	4.0	6.0	1.7								12.9	7.4
S	1.7	3.0	3.3	.8		.1						9.9	6.4
SSW	1.0	2.0	1.0	.8								5.6	6.6
SW	.4	1.7	1.6	1.3	.2							5.2	8.6
WSW	1.0	.7	2.1	.6								4.3	7.0
W	.4	1.4	.7	.6	.1							3.2	7.2
WNW	.1	.9	.3	.3								1.2	8.5
NW	.2	.7	.7	.1	.1							1.0	7.4
NNW	.1	.3	.3	.1		.1						1.0	8.2
VARBL													
CALM												5.6	
	12.0	72.0	34.7	12.7	.3	.6						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION NAME PATRICK AFB FL 71-60 YEARS JUN MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.7	.7	.1								1.7	6.3
NNE	.2	.7	.3	.1	.1							2.5	6.2
NE	.1	.4	.4	.6								1.7	8.8
ENE	.4	1.3	2.9	1.6								5.7	7.9
E	1.0	4.3	7.7	3.6	.1							12.6	7.3
ESE	1.0	1.3	1.0	.4	.1							4.8	6.4
SE	1.3	2.3	4.1	.4								3.6	6.3
SSE	1.7	3.3	2.5	.7								10.4	5.7
S	4.3	4.3	2.5									11.2	4.6
SSW	.7	2.3	2.2	.3								8.4	5.9
SW	.7	1.0	2.7	.6								6.5	7.3
WSW	.3	2.1	2.5	.7								5.9	7.0
W	.7	1.0	.9									5.1	4.2
WNW	.1	.7	.7	.1								1.3	5.8
NW	.7	.7	.3	.1								1.6	5.8
NNW	.1	.1	.1									.4	5.0
VARBL													
CALM												11.6	
	10.1	33.4	29.1	7.5	.6							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 691

USE WITH CAUTION
SEE FIRST PAGE

AD-A102 396 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATRICK AFB, COCOA BEACH, FLORIDA. REVISED UNIFORM SUMMARY OF S--ETC(U)
APR 81

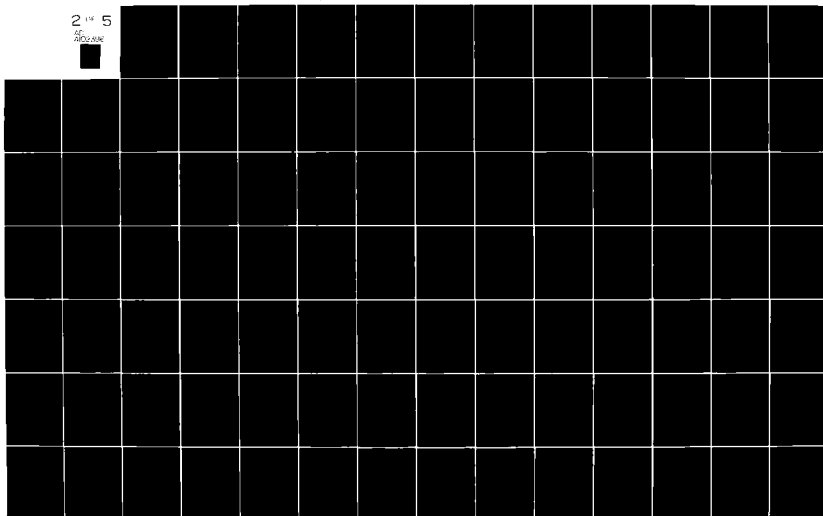
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.67	PATRICK AFB FL	71-80	JUN
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.4	.2	.	.						1.3	6.9
NNE	.4	.4	1.	.6	.1	.						3.0	8.2
NE	.4	1.6	2.3	.9	.1	.						5.2	8.0
ENE	.7	2.7	2.6	1.2	.1	.						7.5	7.2
E	2.	6.2	5.2	2.5	.3	.1						16.3	7.3
ESE	1.2	4.2	2.6	.3	.1	.						8.3	6.1
SE	.2	2.3	3.0	.4	.1	.1						3.2	7.0
SSE	.2	2.4	2.7	1.1	.1	.						7.1	7.4
S	1.2	2.1	1.8	.4	.1	.						6.3	5.8
SSW	1.	1.	1.4	.5	.1	.						4.7	6.3
SW	.4	1.2	2.	.6	.2	.						5.8	7.5
WSW	1.2	2.0	3.	1.1	.1	.						8.0	7.1
W	1.5	2.4	1.5	.5	.2	.						5.9	5.8
WNW	.	1.2	.3	.1	.	.						2.3	5.3
NW	.4	.3	.3	.1	.	.						1.3	5.6
NNW	.2	.4	.2	.1	.	.1						1.1	5.8
VARBL													
CALM												7.6	
	14.5	34.1	31.4	10.8	1.3	.2	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 5734

USE WITH CAUTION
SEE FIRST PAGE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67	PATRICK AFB FL	71-73	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0000-0200
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7											.7	3.0
NNE	1.1											1.1	2.0
NE	1.1		.7									1.8	4.4
ENE	.4	1.1										1.4	4.0
E	.7	2.2	3.0	.7								9.3	6.5
ESE	1.4	1.4	1.8	.7								5.4	6.4
SE	1.2	3.2	1.1									7.2	5.0
SSE	.9	1.8										5.4	3.1
S	7.2	5.0	3.6	.4								16.1	4.5
SSW	2.2	3.2	2.5									7.9	5.2
SW	1.4	3.2	1.4	.4								6.8	5.4
WSW	1.1	3.2	1.4									6.5	5.2
W	1.4	4.2	1.4									7.5	5.1
WNW	.4	2.2	.4									3.6	4.4
NW		1.1										1.1	4.7
NNW		1.1										1.1	4.3
VARBL													
CALM												17.2	
	26.9	35.1	13.6	2.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 279

USE WITH CAUTION
SEE FIRST PAGE

GENERAL CLIMATOLOGY STATION
USAFETAC
AF/AFATC SERVICE/NAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-76,79 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.4										2.9	2.9
NNE	.7	.7										1.4	3.5
NE	.4	.7										1.1	3.7
ENE		1.4	.4									1.8	5.4
E	1.4	.7	4.2	.7								7.0	7.2
ESE	2.1	2.1	2.1									6.3	5.3
SE	1.1	1.4	.7									3.2	4.9
SSE	1.4	1.4	.7									3.5	4.4
S	2.8	4.9	.4									14.1	3.3
SSW	4.2	2.1	1.1									8.1	4.0
SW	1.3	5.6	2.1	.4								9.9	5.4
WSW	3.1	2.8	.7									5.3	4.0
W	3.2	5.3	1.1									9.5	4.1
WNW	1.1	.4	.7									2.1	4.7
NW	.7	.7										1.4	3.8
NNW	.4	.4										.7	3.5
VARBL													
CALM												21.8	
	31.7	31.3	14.1	1.1								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 284

USE WITH CAUTION
SEE FIRST PAGE

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1967	PATRICK AFB FL	71-81	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0600-0800
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1	.2								1.2	5.4
NNE	1.3	1.3	.1									2.7	3.7
NE	.1	1.3	.5	.2								1.8	6.6
ENE	.7	.1	1.3	.1								2.6	6.8
E	3.3	3.1	1.3	.3								7.7	5.1
ESE	1.3	2.1	.4									4.6	3.6
SE	1.6	3.1	1.1									5.6	4.8
SSE	.3	2.1	.5									4.8	3.9
S	3.3	4.4	.6									10.8	3.7
SSW	2.2	3.3	1.6									10.2	4.9
SW	1.7	.6	1.6									9.4	5.0
WSW	1.3	5.1	2.3	.1								9.7	5.0
W	2.1	3.3	.2									7.2	3.7
WNW	1.1	.9										1.8	3.5
NW	.6	.1										1.4	3.5
NNW	.5	.4	.1									1.1	3.9
VARBL													
CALM												17.4	
	27.6	41.4	12.6	1.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

JOINT ALTIMETROLOGY BRANCH
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 667 PATRICK AFB FL 71-80 JUL
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 0900-1100
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.0	.0									.9	6.0
NNE	.2	1.4	.6	.1								2.4	6.0
NE	.6	2.0	1.2	.2								4.9	5.8
ENE	1.2	4.0	1.4	.3								6.9	5.4
E	3.4	8.3	2.6	1.0	.1							15.6	5.4
ESE	3.1	6.3	2.2									12.0	4.8
SE	1.1	4.5	3.2	.3								9.1	5.9
SSE	.6	2.3	.5	.2								4.8	5.6
S	1.1	1.3	.6	.1								3.7	5.2
SSW	1.2	3.0	1.6									7.0	5.5
SW	1.4	3.0	2.7									7.1	5.6
WSW	1.3	4.2	2.3	.2								9.5	5.0
W	1.7	4.3	1.6	.1								7.7	5.1
WNW	1.2	1.5	.2									2.9	3.7
NW	.2	.9	.2	.1								2.0	4.4
NNW	.2	.5	.1									.9	4.8
VARBL													
CALM												2.6	
	20.8	51.0	21.9	2.8	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 07 PATRICK AFB FL 71-20 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.1									.4	4.6
NNE		.1	.1	.3	.1							.9	10.8
NE	.1	1.7	7.1	.3								4.4	7.6
ENE	.1	2.6	4.1	.5								7.8	7.1
E	.1	14.3	2.5	1.0								26.8	6.2
ESE	1.4	13.1	9.1									23.8	6.1
SE	.3	4.1	5.6	.6								14.5	7.4
SSE	.1	1.1	3.1	1.1								5.3	8.6
S	.1	.4	.1	.1								1.6	6.1
SSW	.1	.1	.9	.4								2.5	6.7
SW	.1	1.1	1.2	.3								2.8	7.3
WSW	.1	1.2	2.3	.2								3.8	7.3
W	.1	.1	1.1	.2	.1							2.8	6.5
WNW	.1	.1	.2	.1								.8	7.1
NW	.1	.1	.1									.8	5.4
NNW	.1	.1	.1									.4	5.0
VARBL													
CALM												.8	
	7.4	42.2	44.1	5.4	.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC
 AIRCRAFT
 AIRCRAFT SERVICE/MAINT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-80 JUL
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.1	.3		.1							1.0	6.7
NNE	.3	.5	.5	.5								1.9	7.8
NE	.2	.9	1.0	.2	.2							3.3	7.9
ENE	.3	1.5	2.5	.9								5.2	7.6
E	1.1	4.3	6.2	1.5								17.1	6.6
ESE	1.7	8.7	5.9	.1								16.5	5.8
SE	1.4	5.8	1.3	5.1								22.6	8.0
SSE	.4	2.7	5.5	3.1								11.7	8.6
S	.6	1.0	1.6	.8								4.0	7.4
SSW	.1	.9	1.2	.1								2.3	7.3
SW	.4	.5	.5	.6								2.2	7.8
WSW	.1	1.1	1.4	.5								3.4	8.2
W	.4	1.9	1.7	.1	.1	.1						3.7	7.2
WNW	.2	.2	.5									1.1	6.1
NW	.2	.2	.2	.2	.1							1.0	3.3
NNW		.2		.1								.3	8.7
VARBL													
CALM												2.9	
	.2	34.6	39.6	14.1	.5	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 PATRICK AFB FL 71-80 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	.3	.1								.9	6.1
NNE	.2	.2	.5	.1								1.1	6.8
NE	.6	1.5	1.3	.2								3.4	5.8
ENE	.9	.3	1.2	.4	.1							3.4	6.8
E	2.7	4.3	1.6	.6	.1							9.0	5.6
ESE	2.5	3.9	2.1	.2								9.6	5.0
SE	2.1	6.7	6.9	1.6								17.2	6.7
SSE	2.5	5.2	3.3	2.4	.1							19.1	7.1
S	2.7	4.4	2.2	.6	.1							9.8	5.6
SSW	.2	1.4	1.5	.5								4.3	7.0
SW	.1	1.1	2.1	.4								4.2	7.3
WSW	.4	1.7	1.6	.4								4.6	6.6
W	.5	1.1	1.2	.4								3.3	6.5
WNW	.3	.6	.3	.3								1.6	6.9
NW	.4	.3	.1	.1	.1							1.1	7.0
NNW	.2	.1	.3									.9	5.5
VARBL													
CALM												7.4	
	17.2	35.1	31.0	2.8	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67	PATRICK AFB FL	71-80	JUL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			2100-2300
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.6									1.5	6.1
NNE	.7		.7									1.0	6.3
NE	.4	.4	.4	.1								1.4	5.8
ENE	1.3	1.	1.3	.4								3.9	5.8
E	2.7	3.3	2.7	.8	.1							8.7	5.9
ESE	1.5	4.1	1.	.1								6.7	4.7
SE	3.2	4.1	2.7	.1								10.1	5.1
SSE	5.2	4.7	4.1	.3								13.8	5.1
S	4.9	6.3	2.9									14.1	4.7
SSW	2.9	3.4	1.4									7.7	4.7
SW	1.1	2.7	1.3	.1								5.2	5.5
WSW	.3	2.4	1.4		.1							4.8	5.7
W	.1	1.3	.6	.1								4.2	4.5
WNW	1.1	1.										2.1	3.3
NW	.1	.2	.1									.8	5.2
NNW	.7	.2	.1									.6	4.0
VARBL													
CALM												13.4	
	27.3	32.4	20.4	2.2	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 715

USE WITH CAUTION
 SEE FIRST PAGE

OFFICIAL CLIMATOLOGY REPORT
 USAFETAC
 AIRCRAFT SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 JUL 71-80
 STATION PATRICK AFB FL STATION NAME YEARS
 ALL WEATHER CLASS
 CONDITION
 JUL MONTH
 ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.2	.3	.1	.1							1.0	5.4
NNE	.0	.3	.4	.2	.1							1.6	6.0
NE	.0	1.2	1.3	.2	.1							3.1	6.5
ENE	.0	1.1	1.0	.4	.1							4.7	6.5
E	.2	0.6	.4	.9	.1							13.8	6.0
ESE	.1	0.1	3.4	.1								11.6	5.4
SE	1.6	4.3	5.1	1.2								12.5	6.8
SSE	1.0	3.0	3.3	1.1	.1							9.3	6.6
S	2.0	3.1	1.5	.3	.1							7.8	4.8
SSW	1.0	2.7	1.5	.2	.1							5.8	5.5
SW	.0	2.7	1.6	.3								5.4	5.9
WSW	1.2	2.7	1.3	.3	.1							6.0	5.8
W	1.0	2.0	1.0	.2	.1							5.2	5.1
WNW	.0	.0	.3	.1	.1							1.8	4.6
NW	.0	.0	.2	.1	.1							1.2	5.3
NNW	.2	.4	.1	.0								.7	4.8
VARBL													
CALM												0.4	
	11.8	39.7	27.4	5.4	.2	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 5928

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE
 15 AUGUST 1964
 AIRCRAFT SERVICE VISION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 PATRICK AFB FL 71-73 AUG
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 0000-0200
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7										1.8	3.4
NNE	.7	.7										1.4	3.5
NE		.7										.7	4.5
ENE		.7	.7									1.4	6.0
E	1.1	5.7	1.4									9.0	5.0
ESE	5.0	2.0	2.0	.4								9.3	4.7
SE	5.0	1.1	.4									5.4	3.1
SSE	2.0	2.0	1.0	1.4								9.0	6.0
S	7.2	5.7	2.0	1.4								16.8	4.7
SSW	5.0	1.1	1.4									7.2	3.9
SW	.7	2.0	1.1									3.9	5.3
WSW	1.1	1.4										2.5	3.9
W	2.2	2.0	.4									5.0	4.1
WNW	.7	.4	.7	.4								2.2	7.3
NW		.4										.4	5.0
NNW													
VARBL													
CALM												24.4	
	29.7	29.7	12.5	3.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 279

USE WITH CAUTION
 SEE FIRST PAGE

JOINT CHIEF OF STAFF
 AIR FORCE
 AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67 PATRICK AFB FL 71-73, 76, 78-79 AUG
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1300-0500
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.7	.7									2.1	4.0
NNE	.7	.7										1.4	4.0
NE	1.4		.7									1.7	3.6
ENE	.7	.7	.7									1.7	4.0
E	2.1	2.1	1.7									7.0	4.5
ESE	2.1	.7	2.1									5.6	4.6
SE	.7	1.4	2.1									4.2	7.0
SSE	2.1	2.1	.7	.7								7.3	4.5
S	2.1	2.1	3.5	.7								12.6	5.2
SSW	.7	2.1	1.4									7.7	4.3
SW	1.7	2.1	.7									5.2	4.4
WSW	1.4	2.1	.7									4.2	4.8
W	1.4	2.1	.7									4.2	4.2
WNW	1.4		.7	.7								2.8	6.1
NW				.7								.3	14.0
NNW		.7	.7	.7								1.0	8.0
VARBL													
CALM												30.8	
	22.4	1.3	15.7	2.8								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 286

USE WITH CAUTION
 SEE FIRST PAGE

OFFICIAL CLIMATOLOGY WATCH
 USAFETAC
 AT WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67	PATRICK AFB FL	71-83	ALL
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0600-0800
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0									1.7	4.3
NNE	.0	1.0	.0	.1								0.1	4.7
NE	1.0	1.0	.4									3.4	3.8
ENE	.3	1.0	1.0	.3								5.9	5.3
E	0.7	4.0	0.7	.4								13.4	4.9
ESE	.0	1.0	.0									6.3	3.8
SE	1.7	2.4	.0	.1								4.4	4.2
SSE	.7	1.7	.0	.0								4.9	4.2
S	.3	2.0	.0	.0								7.4	4.5
SSW	.7	4.0	.0	.1								5.0	4.4
SW	1.0	1.0	.0									4.0	4.7
WSW	1.0	1.0	.0									3.7	3.8
W	1.0	1.7	.0									4.0	3.8
WNW	1.1	1.0	.0	.1								2.9	4.6
NW	1.0	1.0	.0									2.4	4.4
NNW	.0	.0	.0									1.0	4.1
VARBL													
CALM												23.4	
	11.9	30.6	11.9	2.0								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 PATRICK AFB FL 71-10
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
AUG
MONTH
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.7	.1	.1								1.6	6.3
NNE	.1	1.4	.7									2.9	5.4
NE	1.7	5.4	2.7	.3	.1							9.8	5.9
ENE	2.0	7.7	2.3	.3								12.9	5.3
E	1.2	11.4	4.3	.0								22.5	5.1
ESE	3.1	6.0	2.3	.1								12.3	4.9
SE	.2	4.7	1.7	.3								7.1	5.9
SSE	.2	1.7	1.4	.2	.1							4.3	6.3
S	.4	1.4	.3	.6								3.2	6.9
SSW	1.0	1.7	1.4	.1								4.1	5.6
SW	.4	1.2	1.4	.3								3.4	6.6
WSW	.3	3.1	.7	.1								4.7	5.2
W	1.6	2.0	.3	.1								4.1	4.2
WNW	.3	.6	.1									1.1	4.3
NW	.2	1.2	.4									1.9	5.4
NNW	.4	.7	.6	.1								2.0	5.7
VARBL													
CALM												2.0	
	1.2	51.1	22.0	2.7	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
AFSC/TAC
A. WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67	PATRICK AFB FL	71-76	AUG
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		1200-1400
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.1				.1						.5	7.8
NNE	.3	.1	1.1	1.0	.2							3.2	9.3
NE	.1	2.7	4.9	1.2	.2							9.1	8.1
ENE	.4	8.5	9.1	.8								16.8	7.1
E	1.8	16.8	11.8	1.8	.1							31.3	6.7
ESE	.6	13.6	7.7	.2								19.1	6.3
SE	.4	2.8	3.9	.5	.1							7.4	7.4
SSE	.1	1.1	1.9	1.2								4.2	8.9
S	.1	.4	.4	.1								1.1	7.0
SSW		.1	.1	.1	.1							1.0	9.1
SW	.1	.1	.1	.2	.1							1.6	7.7
WSW	.1	.1	1.1	.3	.1							1.8	8.5
W	.1	.4		.1								.6	5.5
WNW	.2	.1										.3	3.0
NW		.1	.1	.1		.1						.5	10.8
NNW	.1		.4		.1							.6	9.0
VARBL													
CALM												.6	
	4.4	42.6	43.4	7.6	1.1	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67	PATRICK AFB FL	71-80	AUG
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1500-1700
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	.2	.5								1.1	9.7
NNE	.3	.6	1.1	1.3								3.3	9.1
NE	.4	1.4	4.3	.8	.2							7.1	6.2
ENE	.4	3.3	4.8	1.9								14.7	8.0
E	3.4	11.8	11.8	1.3								27.0	6.6
ESE	1.7	8.5	7.7	.5								18.1	6.2
SE	.2	3.1	5.4	2.7	.1							10.9	8.3
SSE	.3	.9	3.8	1.4								6.3	9.0
S	.2	.4	1.7	.3	.1							2.0	8.3
SSW	.2	.1	.7	.1	.1							.9	8.4
SW	.1	.9	.1	.2								1.3	6.4
WSW	.3	.7	.5	.3								1.5	7.5
W	.4	.5	.5	.5								2.2	7.8
WNW	.3	.5	.4	.2								1.5	7.0
NW			.2	.1								.3	9.0
NNW	.1	.1	.2									.5	5.6
VARBL													
CALM												1.3	
	7.5	33.1	46.6	11.6	.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 1967 PATRICK AFB FL 71-83
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 AUG
 MONTH
 1800-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.9	.3								1.5	6.6
NNE	.4	.6	1.1	.4								2.5	7.3
NE	1.2	1.4	.3									2.9	4.4
ENE	.4	3.1	4.6	.5								9.5	6.8
E	4.5	8.	8.7	1.1								22.6	6.0
ESE	4.4	6.7	2.5	.4								13.7	4.8
SE	2.2	6.3	3.4	1.3								13.2	6.1
SSE	1.5	3.9	4.1	.8								10.1	6.5
S	1.0	2.3	1.7	.1								5.5	5.1
SSW	1.0	1.3	.3	.2								2.8	4.8
SW	.3	.4	.6		.1							1.9	6.6
WSW	.2	1.	.9	.1								2.2	6.2
W	.5	1.0	1.1	.1								2.7	6.2
WNW	.1	.4	.1									.6	5.5
NW	.3	.1	.2	.1								.8	5.9
NNW	.4	.2	.1									.8	4.3
VARBL													
CALM												6.9	
	20.0	37.4	30.1	5.5	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION PATRICK AFB FL 71-80 YEARS
ALL WEATHER CLASS
CONDITION
AUG MONTH
2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.0	.0	.1								2.0	5.7
NNE	1.1	.0	.0	.0								2.2	4.1
NE	1.1	1.0	.0	.1								3.1	4.5
ENE	.0	2.0	2.0	.3								5.6	6.5
E	4.0	0.0	5.3	.6								18.6	5.5
ESE	3.0	3.0	2.0									9.4	4.5
SE	3.0	4.0	1.0									9.2	4.5
SSE	3.0	5.0	2.0	.8								12.5	5.4
S	4.0	3.0	1.0	.1								9.7	4.2
SSW	1.0	1.0	.7	.1								3.6	4.5
SW	1.0	.0	.0									2.5	4.3
WSW	.0	1.0	.0									2.2	4.5
W	.7	1.0	.0	.1								2.5	5.1
WNW	.1	.0		.3								1.0	7.3
NW		.0										.3	5.5
NNW	.1		.0									.6	6.5
VARBL													
CALM												15.0	
	27.0	35.7	19.6	2.7								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 714

USE WITH CAUTION
SEE FIRST PAGE

JOINT CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/ASAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 067	PATRICK AFB FL	71-80	AUG
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.5	.6	.2		.7						1.4	6.4
NNE	.7	1.0	.7	.4	.							2.8	6.7
NE	.8	2.1	2.0	.4	.1							5.6	6.5
ENE	1.1	4.0	4.5	.6								10.2	6.7
E	3.7	7.5	7.1	.9	.7							21.3	5.9
ESE	2.9	5.9	3.7	.2								12.7	5.4
SE	1.4	2.8	2.6	.7	.							8.3	6.2
SSE	1.6	2.2	2.3	.8	.							7.0	6.4
S	1.1	1.9	1.2	.4	.							5.6	5.1
SSW	1.3	1.6	.9	.1	.							3.8	4.9
SW	.6	1.2	.7	.1	.							2.7	5.7
WSW	.7	1.2	.6	.1	.							2.8	5.4
W	1.0	1.7	.4	.2								2.9	5.0
WNW	.4	.6	.3	.1								1.4	5.6
NW	.7	.5	.2	.1		.7						1.0	5.9
NNW	.5	.3	.3	.6	.7							.9	5.8
VARBL													
CALM												9.8	
	19.4	37.3	27.8	5.4	.3	.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 5929

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1167 STATION PATRICK AFB FL 71-73, 78-79 YEARS SEP MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.8									3.3	6.6
NNE	1.1	1.1	2.2	1.5								5.8	8.1
NE	.7	1.1	1.1	1.1	.4							4.7	8.6
ENE	1.1	1.1	2.9	2.2								8.0	8.6
E	2.2	9.5	7.3	1.8								20.8	6.6
ESE	2.9	3.3	1.8									8.0	5.0
SE	1.8	5.6	1.8									9.1	4.9
SSE	1.1	1.5	2.2									4.7	6.2
S	4.7	1.1										5.8	3.0
SSW	1.2	1.8										4.0	3.1
SW	1.1	1.8	1.5	1.1								5.5	7.0
WSW		.4	1.1	.4								1.8	8.8
W	1.8	2.6	.4									4.4	4.5
WNW		.4	.4	.4								1.1	8.3
NW	.7	.4										1.1	2.7
NNW	.4	.4										.7	3.5
VARBL													
CALM												10.9	
	21.6	33.2	24.5	8.4	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 274

USE WITH CAUTION
SEE FIRST PAGE

REGIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-73, 75-76, 79
STATION STATION NAME YEARS
ALL EATPEP
CLASS
CONDITION
SEP
MONTH
1300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	1.1									5.5	5.1
NNE	.4	1.1	1.1	1.5								4.0	8.7
NE	.7	1.1	1.1	.7	.4							4.0	8.4
ENE	.7	2.2	3.3	1.8	.4							8.4	8.2
E	5.5	11.5	5.1	1.1								22.2	5.4
ESE	2.9	2.7										5.1	3.2
SE	.4	3.6	1.5									5.5	5.2
SSE	.4	.7										1.1	4.0
S	5.9	2.2										5.1	3.0
SSW	3.2	1.8	.4									4.4	3.9
SW	1.1	1.5		.4								3.3	4.6
WSW	1.8	1.1	1.0	.4								5.1	5.9
W	1.2	2.2	.7									5.1	4.4
WNW	.7	.4										1.1	3.0
NW	1.1		.7	.4								2.2	6.0
NNW	.4	.4										.7	3.5
VARBL													
CALM												17.5	
	24.0	34.9	16.7	6.2	.7							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 275

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 067 STATION PATRICK AFB FL 71-80 YEARS SEP MONTH
 CLASS ALL WEATHER
 HOURS 0600-0800
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.4	2.0									4.6	5.7
NNE	.4	1.1	.3	.6								2.4	6.6
NE	1.0	2.3	1.1	.2	.1	.2						5.0	6.7
ENE	2.3	1.9	2.0	.8								7.0	5.8
E	3.1	5.5	3.6	1.0								13.1	5.8
ESE	2.2	2.3	1.2									5.8	4.5
SE	1.2	2.4	.4	.2								4.3	4.8
SSE	1.1	1.0	1.1	.2								3.4	5.7
S	2.4	1.1	.8	.2		.1						4.7	4.6
SSW	2.1	1.0	1.2	.1	.1	.1						5.6	5.4
SW	1.2	1.0	.8	.4								4.3	5.3
WSW	1.3	1.1	.3									3.2	4.6
W	2.2	1.3	.1	.1								4.2	3.6
WNW	2.3	2.0										4.3	3.4
NW	1.4	1.3	.6									3.3	4.3
NNW	.2	1.5	.9									3.2	5.3
VARBL													
CALM												21.4	
	26.4	30.3	16.9	3.9	.2	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 899

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-80 SEP
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION
1900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	1.3	.6								4.4	6.2
NNE	1.3	2.0	1.6	.9								6.7	6.2
NE	1.2	4.3	2.9	.6			.1					9.0	6.6
ENE	2.2	6.1	3.7	.9	.1	.1						13.0	6.3
E	2.8	7.9	4.4	1.1	.1							16.4	5.9
ESE	2.3	3.9	2.3	.1								8.7	5.0
SE	.9	3.2	1.6	.3								6.0	5.9
SSE		.8	.9	.4								2.2	7.7
S	1.0	.9	.6	.1	.2							2.8	6.0
SSW	1.2	1.4	1.7	.3		.2						4.9	6.7
SW	.9	1.3	1.6	.4								3.7	6.1
WSW	1.2	1.6	.4	.2								3.4	5.0
W	2.7	1.9	1.2									5.7	4.2
WNW	1.2	1.2	.1									2.6	3.5
NW	1.3	1.9	.4									3.7	4.2
NNW	.7	1.1	.8	.1								2.7	5.5
VARBL													
CALM												4.2	
	22.2	41.4	24.9	6.3	.4	.3	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-90
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
SEP
MONTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.4	.7	.1							1.8	9.9
NNE	.6	.7	4.2	1.9	.1							7.2	8.9
NE	.9	5.1	6.5	1.6								14.0	7.3
ENE	1.1	7.1	5.9	1.3								15.5	6.9
E	2.2	12.9	9.2	1.3								25.5	6.5
ESE	1.2	6.6	4.9	.2								12.7	6.3
SE	.2	3.6	1.8	.6								6.1	6.8
SSE	.1	1.4	1.2	.7	.1							3.6	6.2
S	.3	.4	.4	.3								1.6	7.6
SSW	.4	.7	.9	.1	.1	.1						2.3	7.3
SW	.4	.6	.7	.6		.1						2.3	8.0
WSW	.2	.2	.8	.3								2.1	7.2
W	.4	.6	1.0	.1	.1	.1						2.6	7.7
WNW	.3	.3	.4									1.1	5.1
NW	.1	.1										.2	3.5
NNW		.2										.2	6.0
VARBL													
CALM												1.0	
	6.7	41.7	38.0	9.7	.6	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 897

LOCAL CLIMATOLOGY BRANCH
 GEAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67 PATRICK AFB FL 71-80 SEP
 STATION STATION NAME YEARS MONTH
 ALL WEATHER
 CLASS
 CONDITION
 1500-1700
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	.9	1.1	.1							2.5	10.3
NNE	.1	1.7	3.1	3.7	.1							8.7	9.7
NE	.2	3.1	7.0	1.2								11.5	7.9
ENE	.3	5.7	7.4	1.8								14.9	7.5
E	1.2	10.3	11.4	1.8								24.4	7.1
ESE	1.1	6.7	3.6	.3								11.8	5.8
SE	1.1	3.7	2.7	.3								7.8	6.1
SSE	.1	1.6	2.7	1.6	.1							6.0	9.0
S	.4	.2	1.2									1.9	6.1
SSW	.6	.9	.7	.3								2.5	6.5
SW		.4	.6	.7								1.7	9.9
WSW	.1	.4	.6	.2	.2							1.6	9.4
W	.2	1.8	.6	.2								2.8	6.6
WNW		.4		.2								.7	7.0
NW			.2									.2	8.0
NNW		.2		.2								.4	9.3
VARBL													
CALM												1.4	
	5.7	36.1	42.5	13.7	.6							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 897

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 167 STATION PATRICK AFB FL 71-90 YEARS SEP
STATION STATION NAME MONTH
1900-2000
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	1.3	.6	.1							3.0	8.2
NNE	.3	2.2	2.3	2.5								7.8	8.3
NE	.5	4.1	3.7	2.1								16.6	7.5
ENE	.4	3.4	4.7	1.2								9.3	7.6
E	1.7	7.7	5.9	1.3								17.6	6.8
ESE	2.3	7.1	2.5	.3								13.3	5.3
SE	1.4	4.8	3.1	.6								9.9	6.2
SSE	1.4	2.9	2.9	.6								7.8	6.2
S	1.7	2.1	1.2									5.0	4.8
SSW	1.1	1.2	.4	.1								2.9	4.6
SW	.1	.6	.2	.7								1.6	8.8
WSW	.4	.1	.2	.7								1.8	6.2
W	.7	.5	.3	.3								1.6	6.8
WNW	.7	.7	.1									1.4	4.0
NW		.4	.3									.8	6.9
NNW	.2	.1	.1									.4	5.3
VARBL													
CALM												5.2	
	13.8	40.5	29.8	10.6	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10067 STATION PATRICK AFB FL 71-RL SEP
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

2100-2300
MONTH
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	1.2	.4								3.6	6.6
NNE	.7	1.7	1.7	1.7	.1							6.1	6.1
NE	1.2	3.2	1.7	1.3								7.4	6.7
ENE	1.2	2.1	3.9	1.2								9.7	7.7
E	2.3	5.7	6.1	1.7								16.6	6.7
ESE	3.1	4.6	1.7									9.6	4.8
SE	1.9	5.7	2.5									19.0	5.2
SSE	.7	2.3	2.5	.4								5.5	6.5
S	2.9	1.4	1.2	.1								5.7	4.0
SSW	1.6	1.4	.6	.4								4.1	5.2
SW	.4	.7	.7	.4								2.5	6.4
WSW	.5	1.6	.3	.1								3.0	5.4
W	.4	1.4	.4	.1								2.5	5.6
WNW	.4	.3	.6	.1								1.4	5.9
NW	.1	.2	.1									.9	5.3
NNW			.1									.1	8.0
VARBL													
CALM												10.1	
	12.0	35.0	25.5	7.3	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 690

USE WITH CAUTION:
SEE FIRST PAGE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ADW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11-67 STATION PATRICK AFB FL 71-80 YEARS SEP MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	1.2	.5	.1							3.4	7.1
NNE	.7	1.7	2.1	1.8	.1							6.4	8.2
NE	.6	1.4	3.6	1.2	.1	.0	.0					9.2	7.3
ENE	1.2	4.3	4.4	1.4	.0	.0						11.3	7.1
E	2.4	8.7	6.6	1.4	.0							19.3	6.5
ESE	2.1	5.2	2.6	.2								10.0	5.4
SE	1.1	3.2	2.0	.3								7.3	5.8
SSE	.6	1.7	1.8	.6	.0							4.7	7.1
S	1.2	1.1	.8	.1	.0	.0						3.8	4.8
SSW	1.3	1.3	.9	.2	.0	.1						3.7	5.6
SW	.0	1.0	.7	.6		.0						2.8	6.8
WSW	.7	.2	.6	.2	.0							2.5	6.0
W	1.2	1.3	.6	.1	.0	.0	1.0					3.3	5.1
WNW	.0	.0	.2	.1								1.9	4.2
NW	.6	.7	.3	.0								1.6	4.6
NNW	.2	.0	.3	.1								1.2	5.5
VARBL													
CALM												7.8	
	15.5	37.5	25.9	8.7	.4	.2	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 5728

USE WITH CAUTION;
SEE FIRST PAGE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1967 PATRICK AFB FL 71-73 OCT
STATION STATION NAME YEARS MONTH
ALL SEATHE
CLASS
CONDITION
CNC-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	2.2	.4								7.4	6.5
NNE	1.4	1.1	.7									3.2	4.3
NE		.4	1.4	5.7	1.2	.4						9.7	13.6
ENE		1.1	3.2	4.7	1.4							11.1	10.8
E	.7	3.2	4.3	7.6	.7	.4						13.3	9.5
ESE	1.4	.7	.4									2.5	3.4
SE		1.2	2.2									5.0	6.9
SSE	.4	1.2	2.2	.4								4.7	6.5
S	2.2	2.2	.7	.4								6.5	4.4
SSW	2.4	2.5	.4									5.7	3.6
SW	1.1	1.1	.4									2.5	4.1
WSW	2.2	2.2										4.3	3.4
W	1.1	1.4	.4									3.6	3.5
WNW	1.1	1.1	3.6									6.5	5.9
NW	.4	.7	1.6									2.9	6.4
NNW	1.1	1.1	1.1									3.9	4.8
VARBL													
CALM												9.3	
	13.6	26.2	26.2	15.1	3.9	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 279

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-67 STATION PATRICK AFB FL 71-74,76 YEARS OCT MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.4	.4	.4								2.5	6.4
NNE	.4	.4	1.4	2.5	.7							5.4	11.7
NE		1.4	3.2	2.9	.4							7.9	10.0
ENE	1.1	1.4	4.3	3.6	3.2	.4						14.3	11.5
E	1.4	3.2	2.1	2.5								9.6	7.4
ESE			.4	.4								.7	13.0
SE	.4	1.4	.4									2.1	5.2
SSE		.7	.4									1.1	5.7
S	.7	2.9	1.4									5.0	5.2
SSW	1.4	1.1	.7									3.6	4.1
SW	.7	2.1										2.9	3.9
WSW	1.4	1.4	.4									3.9	4.0
W	.4	3.6	1.4		.4							7.9	5.0
WNW	1.4	1.4	2.9	.4								6.8	5.9
NW	1.4	1.1	2.1									5.0	5.6
NNW	.4	1.4	1.4	.7								6.4	5.9
VARBL													
CALM												15.0	
	10.4	27.1	23.2	13.2	4.6	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 280

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-67 STATION PATRICK AFB FL 71-80 YEARS OCT MONTH
STATION NAME ALL WEATHER CLASS 1600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.0	1.7	1.4	.2							5.9	6.4
NNE	.2	1.1	2.4	.7	.9	.1						5.4	10.2
NE	.3	1.3	3.1	2.5	.8	.2						8.8	10.5
ENE	.4	2.7	3.9	2.8	1.1							10.8	9.7
E	1.2	4.1	4.1	1.7	.1							11.2	7.3
ESE	1.1	1.1	.7									2.8	4.6
SE	.6	.4	.2	.1								1.3	5.0
SSE	.2	1.1	.4									1.9	4.9
S	1.1	1.2	.7	.1								3.1	4.8
SSW	.6	1.6	1.1	.1								3.2	5.8
SW	.9	.3										1.9	3.4
WSW	1.8	2.1	.4									4.2	4.1
W	2.3	1.8	.8									5.1	3.8
WNW	2.1	4.1	2.1	.3								8.3	5.4
NW	1.3	2.7	2.2	.8								7.4	5.9
NNW	1.7	4.1	3.4	1.1								10.2	6.4
VARBL													
CALM												8.6	
	17.2	32.3	26.9	11.5	3.0	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 902

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SE VICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 62 PATRICK AFB FL 71-82 OCT
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1950-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.6	1.6	.3	.1						6.8	9.1
NNE	.5	2.6	2.8	2.9	.8	.1						9.1	10.1
NE	.3	2.5	5.1	6.6	1.7	.1						12.3	10.3
ENE	.3	2.3	4.4	3.4	.6							11.5	9.4
E	1.1	2.3	5.6	1.8	.1							12.2	7.7
ESE	.1	1.3	.2									3.3	4.8
SE	.4	.5	.2									1.8	5.5
SSE	.4	.2	.6	.1								2.2	5.0
S	.1	.2	.4	.3								1.7	6.3
SSW	.4	.4	1.3	.6								2.6	7.9
SW	.6	1.7	1.2	.3								3.1	6.4
WSW	1.7	1.2	.3									2.8	3.8
W	1.7	2.2	1.1	.2								5.9	5.0
WNW	.9	1.8	2.1	.2								4.9	6.2
NW	1.3	2.4	1.6	1.2								6.8	7.0
NNW	1.2	3.1	4.3	1.2								9.8	7.2
VARBL													
CALM												3.0	
	13.5	27.5	35.4	16.8	3.4	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-80
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
OCT
MONTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.5	2.9	5.4	.2	.1						7.6	10.5
NNE	.1	1.5	8.1	4.1	1.7	.2						13.0	10.5
NE	1.7	4.5	5.5	4.6	1.1	.1						15.6	9.3
ENE	.5	4.1	4.7	3.5	1.1	.1						14.1	9.2
E	1.7	3.7	6.8	1.4	.7							18.3	6.7
ESE	.5	3.4	.9	.1								4.9	5.3
SE	.1	1.5	1.4	.2								3.3	7.0
SSE		.1	1.7	.4								1.5	9.6
S	.7	.1	.1	.1								.6	5.3
SSW	.3	.7	1.7	.3								1.8	7.8
SW	.2	.1	.9	.5								2.4	7.7
WSW	.2	.5	.8	.1								1.6	7.1
W	.7	2.2	1.5	.4								4.1	6.4
WNW	.7	.5	1.5	.5								3.0	7.8
NW		.4	1.2	.4								2.0	8.9
NNW	.7	1.1	2.5	.6								4.5	7.6
VARBL													
CALM												.3	
	7.2	29.5	39.8	21.0	3.5	.5						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1.67 STATION NAME PATRICK AFB FL YEARS 71-80 CCI
STATION MONTH 1500-1700
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	2.0	4.3	.3							8.2	11.1
NNE	.1	1.3	5.3	4.5	1.0	.2						13.5	10.6
NE	.1	7.1	5.0	1.3	1.2	.2						17.2	9.9
ENE	.4	4.3	5.3	7.1	.1	.1						14.1	8.8
E	1.0	7.0	7.4	2.4	.1							18.7	7.1
ESE	.4	3.3	1.7									5.6	5.3
SE	.4	5.2	1.3	.2								4.4	6.3
SSE	.2	.7	1.0	.5	.1							3.0	7.9
S	.1	.4	.4	.2								1.2	7.5
SSW		.1	.3									.5	7.0
SW	.1	.1	.3	.3								1.7	7.8
WSW	.2	.1	.3									.6	6.3
W	.4	1.2	1.3	.2								4.4	6.5
WNW	.1	1.2	1.4	.3								3.0	7.4
NW	.1	.2	.4	.2								1.5	6.6
NNW		.1	.4	1.1	.1							1.8	11.5
VARBL													
CALM												.4	
	0.2	28.1	34.7	22.7	3.3	.5						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1967 PATRICK AFB FL 71-80 OCT
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.7	5.2	4.1	.2							12.7	9.2
NNE	.3	2.4	4.4	2.6	.5	.1						10.3	9.4
NE	.4	3.1	4.5	4.3	.9	.2						13.7	9.9
ENE	.6	3.3	5.5	3.4	1.2	.7						15.1	10.1
E	2.4	4.8	6.3	2.3								15.5	7.1
ESE	.4	2.7	1.7									6.5	4.9
SE	1.7	2.4	2.3	.2								5.8	5.9
SSE	.4	.3	1.6	.6								3.4	7.8
S	1.2	1.2	.1									2.5	3.9
SSW	.3	1.4	.1	.1								2.2	5.0
SW	.3	.2	.2									1.1	4.1
WSW	.3	.3										1.1	2.9
W	.3	1.3	.2									2.9	4.4
WNW	.4	1.3	.6									2.4	5.3
NW	.7	1.3	.4									1.6	5.1
NNW		.7	1.1	.5	.1							1.8	9.8
VARBL													
CALM												1.6	
	12.7	29.5	34.2	19.2	2.8	1.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1167 PATRICK AFB FL 71-80 OCT
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.0	3.8	1.9	.1							10.4	7.7
NNE	.4	1.0	2.5	1.6	.5							6.5	9.4
NE	.1	2.7	3.0	2.8	1.7	.3						11.4	10.5
ENE	.0	1.1	5.1	4.7	1.8	.3						13.6	10.8
E	1.9	4.1	6.0	7.6	.4							15.8	7.9
ESE	1.1	2.3	2.7	.3								6.4	6.1
SE	1.4	2.5	1.1									5.0	4.9
SSE	1.1	1.0	1.4	.5								4.9	6.0
S	1.9	2.0	.5	.3								4.5	4.2
SSW	1.2	1.1	.5									2.8	4.0
SW	.5	.4	.3	.3								1.5	5.9
WSW	.5	.7										1.2	3.7
W	.3	1.3	.9									3.0	5.5
WNW	.5	1.2	1.2	.1								2.8	6.6
NW	.3	.3	.7									1.8	5.9
NNW	.4	.3	2.4	1.1								4.5	6.5
VARBL													
CALM												4.1	
	13.3	28.3	32.2	16.2	4.1	.5						170.0	7.5

TOTAL NUMBER OF OBSERVATIONS 740

USE WITH CAUTION
SEE FIRST PAGE

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
APPROPRIATE SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67	PATRICK AFB FL	71-80	CCT
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.6	2.8	2.6	.7	.7						6.1	9.2
NNE	.9	1.4	3.3	2.6	.7	.1						9.3	10.1
NE	.6	2.7	4.6	3.8	1.1	.7						13.0	10.1
ENE	.7	2.9	4.7	3.5	1.1	.7						13.1	9.8
E	1.7	4.6	5.9	2.1	.7	.7						14.9	7.3
ESE	1.7	2.3	1.2	.1								4.6	5.2
SE	.5	1.6	1.2	.1								3.6	5.9
SSE	.4	.9	1.1	.4	.							2.8	6.9
S	.9	1.6	.4	.7								2.5	4.9
SSW	.7	.9	.7	.2								2.4	5.7
SW	.5	.7	.5	.2								2.0	5.9
WSW	.9	.9	.3	.0								2.1	4.3
W	1.7	2.1	1.7	.1	.							4.4	5.1
WNW	.7	1.7	1.6	.3								4.3	6.2
NW	.7	1.7	1.2	.4								3.6	6.5
NNW	.7	1.6	2.2	.9	.7							5.4	7.4
VARBL													
CALM												3.8	
	1.2	24.6	33.5	17.5	3.4	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 5921

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1967 PATRICK AFB FL 71-73,77 NGV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.8	1.1								3.3	10.2
NNE		.7	.4	.4								1.5	7.5
NE			1.8	1.8								3.3	11.9
ENE	.4	.7	.7	1.8								3.7	9.5
E	.4	2.2	4.8	3.2								12.5	9.5
ESE	.4	2.2	1.1	.7								4.4	6.6
SE	1.8	1.8	2.6									5.9	6.2
SSE	.7	.7	2.2	.4								4.1	7.3
S	.7	3.1	4.1	.4								9.6	6.0
SSW	2.6	2.2	.7	.7								6.3	5.2
SW	1.8	.4	1.8									3.7	5.5
WSW		1.8	.4									1.8	5.6
W	.7	2.2	1.1									4.1	4.9
WNW		.7	4.1	2.2								9.6	8.2
NW	1.1	1.1	2.6	2.2								7.0	8.4
NNW	.7	1.1	3.7	.4								5.9	7.1
VARBL													
CALM												13.3	
	12.2	24.4	32.8	17.3								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 271

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC
 0-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 07 STATION NO. FL 71-73 NOV
 STATION NAME CLASS MONTH
 ALL BATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		1.1	7.3								5.2	11.2
NNE		.4	.4	.4								1.1	6.1
NE			.4	1.1	.7							2.2	14.3
ENE		.7	2.7	2.2								5.6	9.9
E		2.7	4.7	1.5								8.9	8.2
ESE	1.1	.7	1.5	.4								3.7	5.7
SE		.7	1.1	.4								5.2	8.0
SSE	.7	.4	1.1	.4								2.2	7.2
S	1.1	1.7	2.2	1.1								5.9	7.3
SSW	1.7	1.7	.4	.4								4.4	4.8
SW	1.7	1.7	.7									4.1	4.5
WSW	.7		.4									1.1	4.3
W	.7	1.7	1.1	.4								5.6	5.3
WNW	1.1	.7	1.7	.4								4.1	6.3
NW	1.1	2.7	3.7	7.7	.4							12.6	8.7
NNW	1.1	2.7	2.7	1.5								7.8	6.8
VARBL													
CALM												20.4	
	15.0	10.6	28.9	17.0	1.1							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 270

USE WITH CAUTION
 SEE FIRST PAGE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

1-4-71	INTRON 453 FC	71-70	NOV
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		0600-0800
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	2.4	1.2	.1							7.6	7.3
NNE	.1	.	.6	.4	.1	.1						2.3	9.1
NE	.	.1	1.2	1.6	.1							4.0	9.8
ENE	.1	1.4	2.2	1.2	.1							6.5	8.6
E	.6	1.2	3.5	1.3								7.2	7.8
ESE	1.7	1.4	1.6									4.6	4.9
SE	1.5	1.7	1.	.1								4.2	5.1
SSE	.7	1.	1.7	.1								3.5	6.6
S	1.7	1.7	.4	.3								3.3	5.0
SSW	1.2	1.7	.6	.1								3.5	4.5
SW	1.7	1.7	.6									3.5	4.0
WSW	.	1.7	.3									2.2	4.6
W	1.7	1.4	.7	.1								4.0	4.5
WNW	.7	1.7	2.	.6								4.5	7.1
NW	1.	1.7	3.6	2.7								9.1	8.8
NNW	1.2	4.	5.9	4.5	.1							16.7	8.6
VARBL													
CALM												13.1	
	13.6	25.0	29.6	15.3	.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 693

USE WITH CAUTION
SEE FIRST PAGE

U.S. AIR FORCE
 USAFETAC
 AIRCRAFT SE VICTORY

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 57 STATION NAME THICK 10 FL YEARS 71-72
 CLASS ALL WEATHER
 CONDITION
 NOV MONTH
 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.1	.3	.1							1.4	3.7
NNE	.1	.1	.1	.1	.1							4.7	8.4
NE	.1	.1	.1	.1	.1							6.2	9.1
ENE	.4	.1	.1	.1	.1							5.2	8.6
E	1.4	2.4	4.0	1.0								11.4	7.3
ESE	1.4	2.4	.7									5.4	4.6
SE	.1	.1	1.4									3.2	6.1
SSE	.1	.1	.1	.3								4.7	7.3
S	.7	1.1	1.0	.1								3.3	6.3
SSW	.7	1.1	1.0	.1								3.6	6.3
SW	.7	1.1	.7	.2								2.9	5.8
WSW	1.2	1.3	1.1	.1								3.7	5.2
W	1.7	.1	.1	.6								4.0	5.3
WNW	.6	.1	1.1	.3								3.2	7.5
NW	.1	.1	3.0	2.1	.1							9.0	8.3
NNW	.1	.1	3.4	3.9	.2							10.1	9.2
VARBL													
CALM												2.9	
	12.1	23.0	37.0	15.3	1.1							170.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIRCRAFT SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. STATION NAME: WEDDICK AFB FL 2. YEARS: 71-72 3. MONTH: NOV
 4. CLASS: ALL WEATHER 5. HOURS (L.S.T.): 1200-1400
 6. CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	2.6	4.4	.6							12.6	10.0
NNE	.0	1.1	4.7	7.6	.4							13.1	9.4
NE	.0	.0	2.7	7.6	.7							9.3	8.4
ENE	.0	1.1	2.7	1.6								7.8	7.7
E	1.3	4.7	3.2	1.2								13.4	6.5
ESE	1.0	4.7	1.4									8.1	5.0
SE	.0	4.4	2.7	.1								7.6	5.9
SSE	.1	2.7	3.1	.9								5.3	8.4
S	.1	.3	1.1									1.6	7.1
SSW		.0	.7	.6								1.6	9.7
SW		.0	1.3	.7								2.4	9.6
WSW	.0	.7	1.0	.7								2.2	6.7
W	.0	1.4	.0	.7								3.7	5.5
WNW	.0	1.0	.0	.3	.1							2.6	7.5
NW	.0	.0	1.4	.0								3.2	8.7
NNW	.0	1.2	2.4	3.3	.6							9.0	10.1
VARBL													
CALM												.6	
	1.3	22.3	35.4	21.3	2.0							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC
 0-8-5 (OL-A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION PATRICK AFB FL 71-90 YEARS NOV MONTH
 ALL DATA CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	1.0	1.2	1.0							14.4	10.3
NNE	.7	1.1	1.1	1.2	.7							13.4	8.9
NE	.4	4.0	1.1	1.7	.7							10.8	8.0
ENE	.7	2.0	1.7	1.1								8.3	7.6
E	.8	1.6	4.0	.6	.1							13.1	6.0
ESE	1.0	2.7	1.7									5.6	5.0
SE	.0	4.4	1.7	.0								3.4	6.0
SSE	.1	2.3	1.1	.6								5.1	7.3
S	.6	.0	1.0	.1								2.2	6.4
SSW	.1	.0	.6	.1								1.2	6.9
SW	.1	.0	.6	.7								2.2	8.0
WSW	.1	.0	.0	.0								1.9	7.1
W	.7	.7	.4	.7								2.1	6.3
WNW	.0	.0	1.0	1.2	.1							4.1	8.8
NW	.5	.4	1.0	.7								2.4	8.0
NNW	.1	.0	2.1	1.0	.1	.1						4.2	9.4
VARBL													
CALM												.3	
	12.0	32.1	37.6	14.0	1.0	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION PATRICK AFB FL 71-80 YEARS NOV MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	5.6	6.7	2.2	.1							17.9	7.6
NNE	1.4	2.8	1.4	2.4	.1							5.4	7.8
NE	.9	2.8	1.0	1.0	.2							8.9	8.3
ENE	1.7	2.5	3.5	1.2	.2							8.4	7.9
E	.1	3.7	4.6	1.6		.1						10.9	7.3
ESE	1.3	2.3	.4		.1							5.6	4.1
SE	1.7	4.2	1.7	.6								8.1	5.8
SSE	1.7	2.7	2.3	.7								6.8	6.5
S	1.3	1.3	.2									4.1	4.5
SSW	.4	.2	.3	.1								1.6	6.1
SW	.6	.1	.7									1.3	6.6
WSW	.3	.1	.4									1.2	4.3
W	.4	1.3	1.6	.3								3.6	6.7
WNW	.2	.3	1.4	.2								2.4	7.7
NW	.3	.3	1.2	.7								3.0	7.6
NNW	.3	.7	2.6	1.8	.2							5.6	9.5
VARBL													
CALM												4.2	
	12.5	22.4	34.2	13.6	1.2	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 898

U.S. AIR FORCE
 USAFETAC
 ALL WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-67 STATION NAME EDITH AFB FL YEARS 71-80 MONTH NOV
 CLASS ALL DATA
 CONDITION 1100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	1.4	1.4								13.3	7.2
NNE	1.4	1.4	1.4	1.4								3.6	8.6
NE	1.4	1.4	1.4	1.4								4.7	8.9
ENE	1.4	1.4	1.4	1.4	1.4							6.4	9.3
E	1.4	1.4	1.4	1.4	1.4	1.4						10.8	8.3
ESE	1.4	1.4	1.4	1.4	1.4	1.4						3.9	5.8
SE	1.4	1.4	1.4	1.4	1.4	1.4						7.2	5.7
SSE	1.4	1.4	1.4	1.4	1.4	1.4						6.2	6.1
S	1.4	1.4	1.4	1.4	1.4	1.4						7.9	5.1
SSW	1.4	1.4	1.4	1.4	1.4	1.4						1.9	6.1
SW	1.4	1.4	1.4	1.4	1.4	1.4						1.9	5.4
WSW	1.4	1.4	1.4	1.4	1.4	1.4						1.3	4.0
W	1.4	1.4	1.4	1.4	1.4	1.4						4.3	5.8
WNW	1.4	1.4	1.4	1.4	1.4	1.4						4.5	6.8
NW	1.4	1.4	1.4	1.4	1.4	1.4						5.5	9.0
NNW	1.4	1.4	1.4	1.4	1.4	1.4						8.7	7.8
VARBL													
CALM												7.9	
	13.3	20.7	33.6	14.6	1.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 897

SEMPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 71-00

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

NOV
MONTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	4.4	2.4	.5							12.1	3.7
NNE	.7	1.4	2.8	1.9	.7							7.0	3.8
NE	.7	1.4	1.7	1.1	.7							6.7	3.7
ENE	.6	2.6	2.6	1.6	.1							6.9	3.3
E	1.2	2.4	4.1	1.7	.7	.7						17.8	7.3
ESE	1.2	2.7	1.1	.1	.							5.4	4.9
SE	1.2	2.1	1.1	.3								6.5	5.9
SSE	.7	1.4	1.3	.5								5.1	7.0
S	1.3	1.2	1.7	.2	.7							4.1	5.6
SSW	.7	.7	.7	.2								2.5	6.1
SW	.7	.7	.7	.3								2.5	6.3
WSW	.7	.7	.7	.1								2.0	5.4
W	1.2	1.3	.7	.3								3.7	5.6
WNW	.7	1.4	1.7	.6	.7							3.8	7.6
NW	.7	1.1	2.3	1.6	.7							5.7	8.5
NNW	.7	2.1	3.1	2.9	.7	.7						9.5	8.9
VARBL													
CALM												5.7	
	12.7	29.0	34.4	16.9	1.2	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 5729

USE WITH CAUTION
SEE FIRST PAGE

1. ALL METEOROLOGICAL DATA
2. ALL DATA
3. ALL DATA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 67 STATION NAME: 7 - 74 YEARS: DEC
STATION CLASS: ALL WEATHER
CONDITION: 000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.2	.2	.3								2.4	6.3
NNE	.1	.8	.3									2.1	5.4
NE		.1	1.3									2.1	6.9
ENE	.2	1.1	.3	1.3	.2	.2						4.6	14.1
E	1.3	1.3	2.7	1.6								7.0	7.4
ESE	.2	.2	1.6									2.9	6.0
SE	1.3	1.3	3.2	1.1								7.5	7.0
SSE	.3	3.4	1.6	1.1								7.2	6.7
S	4.1	3.2	.5									8.3	3.7
SSW	.1	2.7	.5	.3								5.6	4.5
SW	1.1	1.1	.3	.2								3.8	5.8
WSW	.5	.4	.3		.7							1.9	6.4
W	1.2	1.3	1.1	1.3								5.6	6.4
WNW	1.3	1.3	2.9	2.1								8.0	8.0
NW	1.6	1.3	4.8	1.1	.3							9.7	7.9
NNW	2.1	1.3	1.7	1.1	.3							7.0	7.4
VARBL													
CALM												14.2	
	22.4	26.2	24.1	12.1	2.4	.5						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 373

USE WITH CAUTION
SEE FIRST PAGE

OFFICIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67	PATRICK AFB FL	7 -73	060
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			0300-0500
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.1	1.1	.5								3.2	7.3
NNE		1.7	.3									1.6	5.8
NE			.3	.8		.3						1.3	13.4
ENE	.7	.9		.5	.3	.5						2.2	13.3
E	.4	1.0	1.8	3.2								7.8	9.0
ESE			1.1									1.1	8.8
SE	.3	1.2	1.3	1.9								5.4	8.8
SSE	1.3	2.7	1.3	.8								5.6	6.0
S	2.2	2.7	3.7									8.9	5.1
SSW	1.3	2.7	.5	.5								5.1	5.1
SW	1.6	1.9	.5									4.0	4.3
WSW	1.1	.5	.3									1.9	3.6
W	1.6	.7	.5	.3								2.7	4.6
WNW	1.6	3.7	1.3	1.9								7.8	7.1
NW	1.6	4.1	3.2	2.7	1.1							12.6	8.5
NNW	1.2	4.1	4.3	1.3	.8							12.6	7.6
VARBL													
CALM												16.1	
	17.7	27.7	21.0	14.5	2.2	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 372

USE WITH CAUTION
SEE FIRST PAGE

U.S. AIR FORCE
 AIRCRAFT SERVICE/MAINT

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION NAME: PATRICK AFB FL YEARS: 78-79 MONTH: DEC
 CLASS: ALL WEATHER
 CONDITION: 3
 HOURS (L.S.T.): 660-2800

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.7	1.3	.4							5.1	9.1
NNE	.2	.4			.1							.9	6.0
NE	.1	.7	.5	1.1								2.4	10.0
ENE	.1	.7	1.1	.5	.1	.4						3.1	11.3
E	.1	1.1	1.5	1.7	.7							5.8	9.0
ESE	1.3	1.2	.3	.1								3.1	4.3
SE	.3	1.7	1.7	.9								4.7	7.5
SSE	.7	1.3	.4	.4								2.7	6.4
S	1.7	2.1	1.1									6.9	6.0
SSW	.1	2.3	1.5	.1								5.9	5.3
SW	1.7	1.3	.5									4.2	4.5
WSW	.7	.1	.3									1.9	4.1
W	.3	1.1	.2	.5								4.7	5.1
WNW	1.2	2.2	1.9	.3								5.5	6.0
NW	.1	4.1	4.1	1.2	.7							14.0	8.3
NNW	.2	3.7	1.7	1.8	.7							15.7	8.0
VARIABLE													
CALM												13.4	
	17.1	27.1	26.1	13.2	2.3	.5						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 744

USE WITH CAUTION
 SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 67 STATION NAME PATRICK AFB FL YEARS 7-79
STATION MONTH DEC
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.4	3.1	1.5	.1							7.2	8.2
NNE	.1	1.3	.1	.5	.1							2.3	7.2
NE	.1	.1	.1	.8	.1							1.9	9.4
ENE	.1	.1	1.7	.9	.1	.1						4.8	9.2
E	.1	1.1	2.7	1.9	.3							6.3	9.1
ESE	.1	1.1	.9	.1								2.6	5.7
SE	.1	.1	2.7									5.1	6.2
SSE	.1	1.1	2.3	.2	.1							4.6	7.5
S	.1	1.7	7.9	1.3								5.9	8.3
SSW	.1	2.2	1.9	1.1								6.0	7.0
SW	.1	2.4	1.4	.3								4.9	5.8
WSW	1.1	1.4	1.1	.1								4.1	5.0
W	1.4	1.7	.9	.1	.1							4.9	6.6
WNW	1.1	1.7	2.3	.9								5.4	7.1
NW	1.1	7.1	4.5	2.8								12.0	7.9
NNW	1.1	3.7	7.5	4.4	.3	.1						18.0	8.5
VARBL													
CALM												3.4	
	17.5	25.2	36.2	17.5	1.6	.4						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

RECEIVED CLIMATE DIVISION
 AFMPC
 AT WASHINGTON FIELD

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1967 PATRICK AFB FL 77-79
 STATION STATION NAME YEARS
 ALL WEATHER CLASS
 CONDITION
 DEC
 MONTH
 1200-1400
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	4.0	7.1	.5	.0	.1					13.5	10.1
NNE	.4	2.4	2.0	1.3	.1							7.5	7.3
NE	.0	2.0	.5	.5		.0						4.4	7.1
ENE	1.0	2.0	1.0	.5	.4	.0						5.8	7.6
E	2.4	4.3	2.9	1.0								10.9	6.2
ESE	.0	2.0	1.0	.1								4.5	5.9
SE	.1	2.0	2.7	.3								6.0	6.9
SSE	.4	2.4	2.0	1.0	.1							8.7	8.3
S	.4	.1	1.4	.0	.1							2.8	9.2
SSW	.0	.0	1.4	1.0	.0							3.9	9.5
SW	.0	1.4	1.0	.3								3.7	6.9
WSW	.0	1.0	1.0	.4	.1							3.9	7.8
W	.0	1.0	1.0	1.4	.2							5.4	8.7
WNW	.4	.4	1.0	1.4	.3	.1						4.5	10.0
NW	.4	.0	1.0	1.0								4.1	8.3
NNW	.0	2.0	4.0	2.0	.1							9.4	8.7
VARBL													
CALM												1.1	
	11.1	31.0	35.1	10.7	2.3	.0	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF CLIMATOLOGY BRANCH
USAFETAC
ATC/CLIMATE USE VERTICAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 07 PATRICK AFB FL 77-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
DEC
MONTH
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	.4	.4	.1	.1						14.3	10.5
NNE	.4	2.7	7.4	.5	.1							7.2	7.3
NE	.1	4.1	2.1	.4	.1	.1						8.2	6.7
ENE	1.1	1.1	2.1	.5	.1							5.7	7.8
E	.7	4.1	1.7	1.4	.1							9.8	6.2
ESE	1.2	7.1	1.7									7.1	4.9
SE	1.3	3.1	7.6	.3								8.0	6.1
SSE	.1	2.1	7.3	2.2								7.8	8.5
S	.1	1.1	1.3	.3								3.5	7.3
SSW	.1	.6	.6	1.2								3.0	8.6
SW		1.1	1.1	.1	.1							2.2	7.5
WSW	.2	.1	.3	.2								2.3	6.3
W	.2	1.4	2.4	1.7		.1						6.5	8.4
WNW	.4	.1	2.1	1.2	.5							5.1	9.7
NW	.2	.1	1.1	.2								2.4	7.1
NNW	.4	1.3	1.9	.9								4.8	7.5
VARBL													
CALM												2.3	
	11.2	32.6	34.6	16.6	2.3	.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC
 1. 67
 ALL WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 67 PATRICK AFB FL 7-79
 STATION STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 DEC
 MONTH
 1800-2000
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	4.5	7.5	.4							13.1	8.6
NNE	1.1	2.1	1.7		.2	.1						3.2	6.4
NE	1.2	1.2	1.2	.6	.4	.7						4.9	8.5
ENE	.1	1.1	1.1	.7	.4	.1						4.1	8.3
E	.1	1.1	2.1	1.4		.1						7.2	7.0
ESE	.2	1.1	1.1	.7								4.9	4.5
SE	1.0	2.1	7.5	1.2	.1							3.4	6.7
SSE	1.7	4.1	6.7	.6								10.3	6.5
S	1.1	2.4	1.7	.4								5.7	6.5
SSW	.1	1.1	1.7	.4								3.1	6.7
SW	.7	.5	.4	.3								1.6	6.9
WSW	.4	.7	.5	.1	.1							1.8	7.4
W	1.1	1.4	1.6	.3								4.3	6.4
WNW	.6	2.1	2.2	1.2								6.0	7.7
NW	.7	1.7	1.2	.4	.1							3.4	7.2
NNW	.7	2.1	4.7	1.3	.1							7.7	8.3
VARBL													
CALM												8.1	
	10.3	20.2	31.4	12.5	1.9	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/FAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11-67 STATION PATRICK AFB FL 7-79
 STATION NAME YEARS
 ALL WEATHER
 CLASS
 CONDITION
 DLO MONTH 2100-2300
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.0	.5								7.2	6.3
NNE	.5	1.0	.5	.5	.5							2.6	7.4
NE	.5	1.1	1.5	.5	.5	.1						4.7	9.5
ENE	.5	.5	1.6	.5	.5		.5					3.6	10.7
E	.5	2.0	1.6	1.2	.5							6.2	8.1
ESE	1.2	1.0	.9	.3								4.2	5.5
SE	2.0	1.0	2.4	.5								7.0	6.1
SSE	.5	2.0	2.6	.3								6.2	6.6
S	1.7	2.0	2.7	.9								8.9	6.2
SSW	1.2	1.1	1.5	.8								4.6	6.5
SW	.5	1.0	.5	.5								2.5	7.7
WSW	.5	.5	.5									1.6	5.1
W	.5	.5	1.6	.5								4.9	6.3
WNW	.4	1.0	1.9	1.5								5.8	7.9
NW	.5	1.0	2.0	1.2	.5							6.2	7.5
NNW	1.2	2.0	3.5	1.9	.4							9.9	8.2
VARBL													
CALM												13.3	
	14.8	23.2	26.7	12.3	2.4	.1	.2					110.0	6.3

TOTAL NUMBER OF OBSERVATIONS 931

U.S. AIR FORCE
 USAFETAC
 AIRCRAFT SERVICE UNIT

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION 10 AF FL STATION NAME 7 -79 YEARS DEC MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.3	2.6	1.4	2.6	.7	.1	.7					9.4	9.0
NNE	.4	1.7	1.2	.4	.1	.1						4.1	6.9
NE	.4	1.1	1.1	.6	.7	.1						4.2	6.1
ENE	.7	1.1	1.4	.6	.4	.2	.1					4.4	9.3
E	1.4	2.3	2.1	1.6	.1	.7						7.8	7.4
ESE	1.2	1.7	1.1	.1								4.2	5.2
SE	1.1	2.4	2.4	.7	.7							5.6	6.7
SSE	.7	2.4	2.7	1.7	.7							6.8	7.3
S	1.2	2.1	2.2	.6	.1							5.9	6.5
SSW	.1	1.1	1.3	.7	.7							4.5	6.8
SW	.1	1.4	.2	.3	.7							3.2	6.1
WSW	.7	.7	.6	.1	.1							2.5	6.0
W	1.7	1.4	1.4	.2	.1	.7						5.0	7.0
WNW	.1	1.7	2.7	1.2	.1	.7						5.7	8.0
NW	.3	2.1	2.6	1.5	.2							7.3	7.9
NNW	1.7	2.7	4.3	2.1	.3	.1						10.6	8.2
VARBL													
CALM												7.7	
	14.3	18.2	31.0	11.1	2.1	.7	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 6139

USE WITH CAUTION
 SEE FIRST PAGE

U.S. AIR FORCE CLIMATE BRANCH
 WAFB TAC
 2700 W. 10th St. - DALLAS, TEXAS 75220

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 67 STATION P. TRICK AFB FL 7 -80 YEARS
 ALL WEATHER CLASS
 CONDITION

ALL MONTH
 ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.0	1.7	.0	.0	.0					5.1	8.8
NNE	.0	1.0	1.7	1.3	.0	.0	.0					4.9	8.6
NE	.0	1.0	2.0	1.1	.0	.0	.0					5.8	8.1
ENE	.0	2.0	2.6	1.2	.0	.0	.0					7.0	7.7
E	1.0	4.0	4.4	1.4	.1	.1						12.7	6.8
ESE	1.4	3.0	3.2	.0	.0	.0						7.4	5.6
SE	.0	2.0	3.0	.9	.0	.0						7.9	7.0
SSE	.0	1.0	2.0	1.3	.1							6.9	7.7
S	1.0	1.0	1.7	.5	.0	.0						5.6	6.0
SSW	1.0	1.0	1.1	.5	.0	.0						4.1	6.4
SW	.0	1.0	1.1	.5	.1	.0	.0					3.6	7.1
WSW	.0	1.0	1.2	.5	.1	.0	.0					4.0	6.9
W	1.1	1.0	1.0	.8	.1	.0	.0					5.4	6.9
WNW	.0	1.0	1.1	.6	.1	.0	.0					3.5	7.4
NW	.0	1.0	1.1	.7	.1	.0	.0					3.5	7.8
NNW	.0	1.0	1.0	1.3	.1	.0	.0					4.9	8.5
VARBL													
CALM												6.5	
	14.1	31.0	32.1	14.5	1.5	.0	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 70763

USE WITH CAUTION
 SEE FIRST PAGE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

4.67
STATION

PATRICK AFB FL

7-6,

ALI

STATION NAME

YEARS

INSTRUMENT

MONTH

CLASS

811

HOURS (L.S.T.)

CTG 01 TO 1400 FT 4/ VSBY 1/2 MI OR MORE.

CONDITION

ANALYSIS WENT 1/2 TO 2-1/2 MI W/CIG 200 FT OF MGR.

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.7	2.4	4.7	4.9	1.3	.2						14.1	10.5
NNE	.3	.7	1.1	1.1	.1	.2						3.5	9.7
NE	.7	.7	1.1	.3	.2	.1	.1					2.7	9.0
ENE	.1	.4	.3	.4	.2	.1						1.6	10.5
E	.7	1.1	1.1	.4	.2	.1						3.0	8.3
ESE	.4	.7	.6	.1	.1							1.7	6.7
SE	.1	.7	1.1	.7	.2							2.4	10.5
SSE	.1	.7	1.7	.6	.1							1.9	9.5
S	.7	.9	.9	1.7	.1	.1						3.5	8.0
SSW	.6	1.1	2.7	1.2	.1	.2						5.6	8.5
SW	.9	1.1	2.4	.9	.1		.1					6.1	7.6
WSW	.1	.3	2.2	.3	.2							6.8	6.4
W	.7	3.6	2.6	.6	.2	.1						7.2	6.5
WNW	1.1	2.9	1.1	1.3	.2	.2						6.2	8.2
NW	1.7	2.1	2.9	1.5	.6	.1						8.5	8.0
NNW	1.7	2.9	4.3	5.4	1.3	.1						14.9	9.9
VARBL													
CALM												6.2	
	11.4	24.1	31.1	22.9	4.7	1.1	.1					10.0	8.1

TOTAL NUMBER OF OBSERVATIONS

1784

USE WITH CAUTION
SEE FIRST PAGE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.1						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

CLERICAL CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 AIRCRAFT FL

71-75

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

0000-2200

		20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
1000	FEET	68.7	68.5	68.9	69.7	71.0	71.5	71.5	71.8	71.9	71.8	72.1	72.1	72.1	72.1	72.1
900	FEET	68.3	68.6	71.1	71.8	73.2	73.7	74.0	74.0	74.0	74.0	74.3	74.3	74.5	74.5	74.5
800	FEET	67.9	68.6	71.1	71.8	73.2	73.7	74.0	74.0	74.0	74.0	74.3	74.3	74.5	74.5	74.5
700	FEET	67.5	68.6	71.1	71.8	73.2	73.7	74.0	74.0	74.0	74.0	74.3	74.3	74.5	74.5	74.5
600	FEET	67.2	68.2	71.1	71.7	74.0	74.5	74.8	74.8	74.8	74.8	75.1	75.1	75.3	75.3	75.3
500	FEET	64.7	74.0	76.4	77.5	78.8	79.4	79.6	79.6	79.6	79.6	79.9	79.9	80.2	80.2	80.2
400	FEET	65.4	74.5	76.9	78.0	79.4	79.9	80.2	80.2	80.2	80.2	80.4	80.4	80.7	80.7	80.7
300	FEET	66.4	75.6	81.0	82.0	83.4	83.9	84.2	84.2	84.2	84.2	84.5	84.5	84.7	84.7	84.7
200	FEET	69.4	79.9	82.3	83.4	84.7	85.3	85.5	85.5	85.5	85.5	85.8	85.8	86.1	86.1	86.1
100	FEET	71.1	82.1	84.5	85.5	86.9	87.4	87.7	87.7	87.7	87.7	87.9	87.9	88.2	88.2	88.2
50	FEET	72.2	84.5	86.4	87.9	89.3	89.8	90.1	90.1	90.1	90.1	90.3	90.3	90.6	90.6	90.6
25	FEET	73.8	85.3	87.7	89.7	90.1	90.6	90.9	90.9	90.9	90.9	91.2	91.2	91.4	91.4	91.4
10	FEET	75.7	88.5	87.9	89.1	90.6	91.2	91.4	91.4	91.4	91.4	91.7	91.7	92.0	92.0	92.0
5	FEET	74.3	86.1	88.5	89.5	91.2	91.7	92.0	92.0	92.0	92.0	92.2	92.2	92.5	92.5	92.5
2	FEET	74.3	86.1	88.5	89.5	91.4	92.0	92.2	92.2	92.2	92.2	92.5	92.5	92.8	92.8	92.8
1	FEET	74.5	86.6	89.0	90.1	92.0	92.5	92.8	92.8	92.8	92.8	93.0	93.0	93.3	93.3	93.3
0	FEET	74.3	87.1	89.1	90.9	92.8	93.3	93.6	93.6	93.6	93.6	93.6	93.6	94.1	94.1	94.1
5000	FEET	74.0	87.7	90.1	91.4	93.3	93.8	94.1	94.1	94.1	94.1	94.4	94.4	94.6	94.6	94.6
4000	FEET	75.1	87.9	90.2	91.7	93.6	94.1	94.6	94.6	94.6	94.6	94.9	95.2	95.4	95.4	95.4
3000	FEET	75.3	88.5	90.9	92.2	94.1	94.6	95.4	95.4	95.4	95.4	95.7	96.0	96.2	96.2	96.2
2000	FEET	75.3	88.5	90.9	92.2	94.1	94.6	95.4	95.4	95.4	95.4	95.7	96.0	96.2	96.2	96.2
1000	FEET	75.3	88.5	90.9	92.2	94.4	94.9	95.7	95.7	95.7	95.7	96.0	96.2	96.5	96.5	96.5
500	FEET	75.3	88.7	91.2	92.5	94.6	95.2	96.0	96.0	96.0	96.0	96.2	96.5	96.5	96.8	96.8
200	FEET	75.3	89.8	92.1	93.8	96.2	96.8	97.6	97.6	97.6	97.6	97.9	98.1	98.1	98.4	98.4
100	FEET	75.9	90.1	92.5	94.1	96.8	97.3	98.1	98.4	98.4	98.4	98.7	99.2	99.2	99.5	99.5
50	FEET	76.1	90.3	93.1	94.4	97.1	97.6	98.4	98.7	98.7	98.7	98.9	99.5	99.5	99.7	99.7
25	FEET	76.1	90.3	93.1	94.4	97.1	97.6	98.4	98.7	98.7	98.7	98.9	99.5	99.5	99.7	99.7
10	FEET	76.1	90.3	93.1	94.4	97.1	97.6	98.4	98.7	98.7	98.7	98.9	99.5	99.7	99.7	99.7
5	FEET	76.1	90.3	93.1	94.4	97.1	97.6	98.4	98.7	98.7	98.7	98.9	99.5	99.7	99.7	99.7
2	FEET	76.1	90.3	93.1	94.4	97.1	97.6	98.4	98.7	98.7	98.7	98.9	99.5	99.7	99.7	99.7
1	FEET	76.1	90.3	93.1	94.4	97.1	97.6	98.4	98.7	98.7	98.7	98.9	99.5	99.7	99.7	99.7

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 373

CEILING VERSUS VISIBILITY

71-74

JAN:

~~-300-0500~~

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 372

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

WORLD CLIMATOLOGY BRANCH
USAF ETAC
AT NATALIA SERVICE/MAC

CEILING VERSUS VISIBILITY

1 27 FAIRBANKS, AK, FL

71-8

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0800

		VISIBILITY IN STATUTE MILES															
		26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
1	1000	42.7	59.6	61.5	61.6	64.0	64.6	65.8	66.0	66.6	66.6	66.6	66.6	66.7	67.1	67.1	67.7
2	900	42.7	59.6	61.5	61.6	64.0	64.6	65.8	66.0	66.6	66.6	66.6	66.6	66.7	67.1	67.1	67.7
3	800	42.7	59.6	61.5	61.6	64.0	64.6	65.8	66.0	66.6	66.6	66.6	66.6	66.7	67.1	67.1	67.7
4	700	43.2	60.1	61.1	60.1	64.7	65.2	66.4	66.7	66.7	67.2	67.2	67.4	67.8	67.8	68.3	69.0
5	600	44.2	61.2	62.5	63.9	66.4	67.0	68.2	68.5	69.1	69.1	69.1	69.1	69.5	69.5	70.1	70.7
6	500	47.7	67.1	68.1	69.3	71.8	72.5	73.7	74.5	74.5	74.5	74.5	74.6	75.0	75.0	75.6	76.2
7	400	47.7	67.1	68.6	69.8	72.3	73.1	74.2	74.5	74.5	75.0	75.0	75.2	75.6	75.6	76.1	76.8
8	300	49.5	69.9	71.9	72.1	74.9	75.6	76.8	77.0	77.6	77.6	77.6	77.7	78.1	78.1	78.7	79.3
9	200	49.7	70.7	71.7	72.5	75.7	76.5	77.7	78.1	78.5	78.5	78.5	78.7	79.1	79.1	79.7	80.4
10	100	51.9	72.9	73.4	75.0	77.9	78.7	79.9	80.1	80.1	80.7	80.7	80.8	81.2	81.2	81.9	82.6
11	50	51.9	74.4	75.3	76.5	79.3	80.1	81.3	81.6	81.6	82.3	82.4	82.6	83.0	83.0	83.6	84.4
12	40	52.6	75.2	75.1	77.3	80.3	81.1	82.3	82.6	82.6	83.2	83.4	83.5	83.9	83.9	84.6	85.4
13	30	53.4	76.6	77.6	78.6	81.9	82.7	83.9	84.2	84.2	84.8	85.1	85.1	85.5	85.5	86.2	87.0
14	20	54.9	78.4	79.5	80.7	83.8	84.6	85.8	86.0	86.0	86.7	86.9	87.0	87.4	87.4	88.1	88.9
15	10	55.1	79.2	80.1	81.5	84.6	85.4	86.6	86.8	86.8	87.5	87.7	87.8	88.2	88.2	88.9	89.7
16	5	55.2	79.7	80.8	82.1	85.4	86.2	87.4	87.7	87.7	88.3	88.5	88.6	89.0	89.0	89.7	90.6
17	1	55.3	80.3	81.1	82.4	85.6	86.4	87.7	87.9	87.9	88.6	88.7	88.9	89.3	89.3	89.9	90.9
18	0	55.3	81.1	81.2	82.7	86.0	86.8	88.2	88.5	88.5	89.1	89.3	89.4	89.8	89.8	90.5	91.4
19	0	55.4	81.7	81.7	83.2	87.1	87.9	89.4	89.7	89.7	90.3	90.5	90.6	91.0	91.0	91.7	92.6
20	0	55.4	82.9	82.4	83.9	87.8	88.6	90.1	90.3	90.3	91.1	91.1	91.3	91.7	91.7	92.3	93.3
21	0	55.4	81.1	82.6	84.0	88.1	88.9	90.5	90.7	90.7	91.4	91.5	91.7	92.1	92.1	92.8	93.7
22	0	55.4	81.5	83.1	84.4	88.7	89.5	91.4	91.7	91.7	92.5	92.6	92.8	93.2	93.2	93.8	94.8
23	0	55.4	81.9	83.4	84.8	89.4	90.2	92.2	92.5	92.5	93.3	93.4	93.6	94.0	94.0	94.6	95.6
24	0	55.4	82.4	83.5	85.0	89.5	90.3	92.3	92.6	92.6	93.4	93.7	93.8	94.2	94.2	94.9	95.8
25	0	55.6	82.4	83.9	85.4	89.9	90.9	93.0	93.3	93.3	94.1	94.4	94.5	95.0	95.0	95.8	96.8
26	0	55.6	82.6	84.1	85.5	90.1	91.0	93.3	93.6	93.6	94.4	94.6	94.8	95.3	95.3	96.1	97.2
27	0	55.6	82.7	84.2	85.6	90.2	91.1	93.4	93.8	93.8	95.0	95.3	95.4	96.0	96.0	96.8	98.0
28	0	55.6	82.7	84.2	85.6	90.2	91.1	93.6	94.0	94.0	95.2	95.4	95.6	96.2	96.4	97.2	98.9
29	0	55.6	82.7	84.2	85.6	90.2	91.1	93.6	94.0	94.0	95.2	95.4	95.6	96.4	96.5	97.6	99.6
30	0	55.6	82.7	84.2	85.6	90.2	91.1	93.6	94.0	94.0	95.2	95.4	95.6	96.5	96.6	97.7	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 745

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 PATRICK AFB FL

71-81

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	49.7	59.0	59.4	61.1	62.5	63.5	64.6	61.6	61.6	61.6	60.6	60.6	60.6	60.6	60.6	60.9
900	53.7	66.2	67.0	67.5	67.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3
800	53.7	66.2	67.1	67.5	67.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.3
700	53.1	66.3	67.1	67.6	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.4
600	54.3	67.1	67.5	68.4	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.1
500	55.2	69.7	70.4	71.0	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.7
400	58.1	73.0	74.1	74.6	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.5
300	59.2	74.1	75.1	75.7	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.6
200	60.4	76.0	77.0	77.8	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.7
100	61.1	77.1	78.1	79.0	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9
8000	62.1	78.8	79.8	80.8	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6
7000	62.4	80.4	81.6	82.9	83.5	83.5	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.1
6000	63.7	81.9	83.1	84.4	85.1	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.5	85.6
5000	64.1	82.9	84.2	85.6	86.2	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.8
4000	64.0	84.5	85.8	87.2	87.8	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.4
3000	65.7	86.3	87.5	89.1	89.7	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.3
2000	66.1	87.2	88.5	89.9	90.5	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.2
1000	66.3	87.7	89.1	90.6	91.4	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.9	92.0
800	66.2	87.8	89.2	90.8	91.5	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.2
700	66.0	88.5	90.1	91.8	92.7	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.4
600	66.6	89.7	90.5	92.5	93.4	93.5	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.3
500	66.6	89.5	91.4	93.3	94.4	94.5	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.3
400	66.7	89.7	91.3	93.7	94.8	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.7
300	66.7	89.9	91.9	94.1	95.4	95.5	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.2	96.3
200	66.7	90.0	92.1	94.1	95.6	95.7	96.1	96.2	96.2	96.3	96.6	96.6	96.6	96.6	96.7	96.8
100	66.7	90.1	92.4	94.5	96.1	96.2	96.7	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.3
8000	66.3	90.4	92.8	95.3	97.1	97.3	97.7	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.5
7000	66.3	90.4	92.9	95.4	97.2	97.6	98.1	98.3	98.4	98.5	98.7	98.7	98.7	98.7	98.8	98.9
6000	66.3	90.4	92.9	95.4	97.3	97.7	98.3	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.2
5000	66.8	90.4	92.9	95.5	97.5	98.0	98.5	98.7	98.8	99.0	99.2	99.2	99.6	99.6	99.7	99.8
4000	66.3	90.4	92.9	95.5	97.5	98.0	98.5	98.7	98.8	99.0	99.4	99.4	99.7	99.8	99.9	100.0
3000	66.3	90.4	92.9	95.5	97.5	98.0	98.5	98.7	98.8	99.0	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLERICAL CLIMATOLOGY BRANCH
 AFAPLTAO
 AIR WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

1-67 PATRICK AFB FL STATION NAME

71-80

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES																
	1/2	3/8	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768	1/65536
NO. OBS.	4.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
1-2000	63.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2-2000	63.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
3-2000	63.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
4-2000	64.7	71.8	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
5-2000	65.3	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
6-2000	69.2	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7-2000	70.2	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
8-2000	71.3	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
9-2000	72.4	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
10-2000	73.3	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
11-2000	74.2	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
12-2000	75.4	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
13-2000	76.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
14-2000	77.1	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
15-2000	78.9	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
16-2000	79.4	92.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
17-2000	79.8	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
18-2000	80.1	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
19-2000	80.4	94.6	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
20-2000	80.4	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
21-2000	80.4	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
22-2000	80.4	95.6	96.9	97.8	98.4	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
23-2000	80.4	95.9	97.1	98.0	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
24-2000	80.4	96.0	97.2	98.3	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
25-2000	80.4	96.0	97.2	98.3	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26-2000	80.4	96.0	97.2	98.3	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27-2000	80.4	96.0	97.2	98.3	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28-2000	80.4	96.0	97.2	98.3	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29-2000	80.4	96.0	97.2	98.3	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
30-2000	80.4	96.0	97.2	98.3	99.0	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

1-61 PATRICK AFB FL

71-82

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTES															
	10	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
1000	60.4	58.4	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
900	64.9	70.4	70.9	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
800	64.9	70.6	70.9	71.1	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
700	64.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
600	65.3	71.0	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
500	67.1	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
400	70.3	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
300	71.1	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
200	73.7	81.5	81.7	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
100	74.1	83.1	83.3	83.3	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
0	75.1	83.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1000	76.2	85.3	85.4	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
900	77.1	86.1	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
800	78.4	86.1	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
700	79.2	86.2	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
600	80.1	86.2	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
500	81.4	86.2	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
400	82.4	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
300	83.1	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
200	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
100	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
0	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
1000	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
900	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
800	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
700	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
600	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
500	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
400	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
300	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
200	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
100	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
0	83.7	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

71-66

JAN

18LD-2400

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SIGNAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-67 HATFIELD AFB FL

71-3

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

		MILES																			
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
100	66.6	68.6	67.9	66.0	64.5	63.5	66.6	66.7	66.7	66.7	66.6	66.3	66.9	66.9	66.9	66.9	67.1				
90	66.1	70.1	71.2	7.3	7.8	73.8	72.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
80	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
70	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
60	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
50	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
40	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
30	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
20	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
10	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
0	66.1	70.1	7.2	7.3	7.8	71.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3				
100	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
90	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
80	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
70	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
60	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
50	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
40	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
30	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
20	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
10	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
0	67.3	68.3	6.9	6.9	61.0	61.4	61.5	61.6	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	62.0				
100	71.6	76.7	86.9	87.2	87.6	87.7	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3				
90	72.7	86.4	88.4	88.9	89.5	89.5	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.2				
80	73.7	89.9	91.1	91.4	91.7	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.3				
70	75.1	92.4	92.6	93.1	93.5	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3				
60	76.1	93.1	93.3	93.8	94.3	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.1				
50	76.6	94.1	94.3	94.7	95.3	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.1				
40	76.7	94.2	94.4	94.8	95.4	95.6	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1				
30	77.1	94.3	94.7	95.3	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.6				
20	77.9	95.4	95.6	96.0	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.4				
10	77.8	95.8	96.1	96.6	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9	98.0				
0	77.9	95.8	96.1	96.6	97.2	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9	98.0				
100	78.1	96.3	96.6	97.1	97.7	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5				
90	78.3	96.7	96.9	97.4	98.1	98.3	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.0				
80	78.4	96.9	97.1	97.6	98.3	98.5	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1				
70	78.3	97.1	97.4	97.7	98.4	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4				
60	78.5	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				
50	78.3	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				
40	78.3	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				
30	78.3	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				
20	78.3	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				
10	78.3	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				
0	78.3	97.2	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8				

TOTAL NUMBER OF OBSERVATIONS 931

USAF ETAC
14-5 (OL A)
PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1. STATION: HATFIELD AFB FL

2. DATE: 71-01

3. MONTH: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

4. ALL

CEILING	1000	900	800	700	600	500	400	300	200	100	50	20	10	5	2	1	0
1000	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
900	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
800	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
700	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
600	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
500	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
400	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
300	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
200	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
100	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
50	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
20	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
10	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
5	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
2	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
1	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1
0	67.1	67.8	68.4	68.9	69.4	69.8	70.1	70.3	70.5	70.7	70.9	71.1	71.3	71.5	71.7	71.9	72.1

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS: 6144

CEILING VERSUS VISIBILITY

71-74, 76

EE2

LOGS-5201

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 340

USAF ETAC 0-14.5 POL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

71-74, 76

EEG

1300-0500

MSK 100 5767 16 2 68

62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0
63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0
64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0
65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0
66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0
67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0
68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0
69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0
70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0
71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0
72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0
74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0
75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0
76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0
77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0
78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0
79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0
80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0
81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0
82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0
83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0
84.1	84.2																		

TOTAL NUMBER OF OBSERVATIONS 341

USAF ETAC (0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

71-800

EEE

622-2822

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 688

USAF ETAC 7-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
WAFB/TAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

1-67

FAIRBANKS, AK, FL

71-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

		VISIBILITY (STATUTE MILES)															
		20	16	12	10	8	6	5	4	3	2	1	1/2	1/4	1/8	1/16	1/32
CEILING	44.2	55.4	55.7	56.7	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
45.0	49.3	61.0	61.7	62.4	63.0	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
46.0	49.6	61.4	62.1	62.8	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
47.0	49.5	61.4	62.1	62.9	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
48.0	49.7	62.7	63.4	64.1	64.7	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3
49.0	51.4	65.0	65.8	66.5	67.1	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
50.0	55.1	70.3	71.7	72.0	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
51.0	55.2	71.3	72.7	73.4	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
52.0	55.3	73.4	74.7	75.3	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6
53.0	57.1	75.6	76.9	77.6	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
54.0	57.6	75.6	76.9	77.7	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
55.0	59.2	77.6	78.9	79.9	80.8	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5
56.0	60.2	79.1	80.3	81.6	82.7	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
57.0	61.1	81.9	83.1	84.8	85.9	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
58.0	61.7	82.8	84.7	86.1	87.2	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
59.0	62.3	85.7	87.4	88.7	89.9	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.2
60.0	62.5	85.7	88.1	89.4	90.6	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	92.0
61.0	63.3	87.2	89.5	90.8	92.0	92.5	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.5
62.0	63.7	87.6	90.1	91.3	92.5	92.9	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.1
63.0	63.7	88.6	91.2	92.3	92.5	94.0	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.4
64.0	63.7	89.6	91.4	92.9	94.1	94.6	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0
65.0	63.7	89.3	91.9	93.5	94.8	95.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.8
66.0	63.0	89.4	92.1	93.6	95.1	95.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1
67.0	64.0	89.6	92.4	94.0	95.6	96.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6
68.0	64.0	89.8	92.6	94.7	96.3	96.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.5
69.0	64.0	89.8	92.6	94.7	96.5	96.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.6
70.0	64.0	89.8	92.6	94.7	96.7	97.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
71.0	64.0	89.6	92.6	94.8	96.8	97.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2
72.0	64.0	89.8	92.6	94.8	96.8	97.3	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.6
73.0	64.0	89.8	92.6	94.8	96.8	97.3	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
74.0	64.0	89.8	92.6	94.8	96.8	97.3	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.8
75.0	64.0	89.8	92.6	94.8	96.8	97.3	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	100.0
76.0	64.0	89.8	92.6	94.8	96.8	97.3	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

CEILING VERSUS VISIBILITY

EEB

12LG-14CL

TOTAL NUMBER OF OBSERVATIONS 849

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 PATRICK AFB FL

71-8

FEF

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

		VISIBILITY (STATUTE MILES)															
		2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NO. OF	NO. OF	57.3	57.2	57.5	57.6	57.6	57.7	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
HOURLY	HOURLY	59.7	68.6	69.6	68.9	69.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
2-3000	2-3000	67.1	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
3-4000	3-4000	61.4	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
4-5000	4-5000	61.1	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
5-6000	5-6000	63.2	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
6-7000	6-7000	65.7	76.2	76.1	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
7-8000	7-8000	66.3	77.1	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
8-9000	8-9000	69.1	80.2	80.6	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
9-10000	9-10000	70.7	82.7	83.1	83.4	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
10-11000	10-11000	71.3	83.4	83.9	84.2	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
11-12000	11-12000	72.6	85.3	85.7	86.3	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
12-13000	12-13000	72.2	86.1	86.5	87.2	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
13-14000	13-14000	74.9	86.9	89.4	90.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
14-15000	14-15000	75.4	89.9	91.1	91.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
15-16000	15-16000	76.7	93.2	93.6	94.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
16-17000	16-17000	77.1	93.8	94.2	95.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
17-18000	17-18000	77.6	94.7	95.3	96.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
18-19000	18-19000	77.8	94.7	95.8	96.3	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
19-20000	19-20000	77.7	95.2	95.8	96.8	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
20-21000	20-21000	79.1	95.9	96.5	97.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
21-22000	21-22000	79.1	95.9	96.5	97.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
22-23000	22-23000	78.1	96.1	96.7	97.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
23-24000	23-24000	73.1	96.1	96.7	98.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
24-25000	24-25000	73.0	96.1	96.7	98.0	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
25-26000	25-26000	78.0	96.1	96.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
26-27000	26-27000	73.1	96.1	96.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27-28000	27-28000	78.0	96.1	96.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
28-29000	28-29000	73.1	96.1	96.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
29-30000	29-30000	78.0	96.1	96.7	98.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 849

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

		VISIBILITY IN STATUTE MILES															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
NO. OF	67.7	68.1	68.2	68.3	68.8	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
1000	69.3	69.3	69.1	69.3	67.7	67.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
800	65.1	66.3	66.4	66.7	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
600	65.1	66.3	66.5	66.8	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
400	66.4	67.5	67.7	68.1	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
200	72.3	73.3	73.4	73.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
100	71.3	74.3	75.1	75.4	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
50	72.3	75.4	76.1	76.4	77.7	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
25	74.3	74.1	78.8	79.2	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
10	65.1	79.9	81.0	81.0	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
5	66.1	81.2	81.9	82.3	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
2	66.3	82.4	83.4	83.6	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1	67.7	83.6	84.3	84.9	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
0.5	68.3	85.3	86.1	86.7	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
0.25	69.5	87.4	88.0	88.9	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
0.1	70.3	90.3	91.3	92.0	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0.05	71.4	92.9	93.3	93.1	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0.025	72.1	92.0	93.5	94.2	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0.01	72.1	92.0	93.5	94.3	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0.005	72.3	92.2	94.1	95.2	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0.0025	72.3	92.2	94.1	95.3	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.001	72.7	92.8	94.6	95.9	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.0005	72.7	92.8	94.6	95.9	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0.00025	72.7	92.8	94.6	96.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.0001	72.7	92.8	94.6	96.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.00005	72.7	92.8	94.6	96.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.000025	72.7	92.8	94.6	96.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.00001	72.7	92.8	94.6	96.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 849

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67

FATRICK AFB FL

71-81

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

ELEVATION FEET	VISIBILITY - STATUTE MILES																
	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
NO CEILING	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 20000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 18000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 16000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 14000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 12000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 10000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 8000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 6000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 4000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 2000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 1000	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 500	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2 0	62.5	63.5	67.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3

TOTAL NUMBER OF OBSERVATIONS 847

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 567 PATRICK AFB FL

71-80

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	20	24	25	26	27	28	29	30	31	32	33	34	35	36	37
1000	60.1	60.6	60.1	60.3	59.6	59.6	59.8	59.8	59.9	59.8	59.8	59.8	59.8	59.9	59.9	60.0
900	65.1	65.4	65.1	65.4	65.8	66.8	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.3	67.3
800	66.1	66.1	66.1	66.8	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.6
700	66.3	66.0	67.1	67.6	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.4
600	67.2	68.7	69.2	69.7	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.5
500	61.1	73.1	73.7	74.2	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2
400	61.1	74.1	74.7	75.3	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.3
300	63.7	76.3	77.4	78.1	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1
200	64.6	78.8	79.2	79.8	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
100	65.1	79.4	80.1	80.8	81.5	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.0
50	66.1	81.7	82.4	83.1	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.5
0	67.5	82.6	83.3	84.2	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.7
4000	68.8	84.8	85.5	86.5	87.5	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1
3500	69.4	86.5	87.3	88.3	89.4	89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1
3000	70.3	88.4	89.6	90.7	92.0	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.8
2500	70.3	89.9	91.0	91.8	93.1	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	94.0
2000	71.4	91.6	91.8	93.0	94.3	94.5	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.3
1500	71.6	90.9	92.1	93.3	94.7	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.6
1000	71.1	91.4	92.6	94.0	95.4	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.5	96.6
500	71.1	91.4	93.1	94.6	96.0	96.2	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.2
0	72.1	92.2	93.6	95.0	96.5	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.7	97.8
4000	72.1	92.4	93.7	95.2	96.7	96.9	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.9
3500	72.1	92.4	93.4	95.3	97.0	97.2	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.3
3000	72.1	92.4	93.9	95.6	97.3	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.6
2500	72.1	92.5	94.1	95.6	97.4	97.6	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.8
2000	72.1	92.5	94.1	95.7	97.6	97.9	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1
1500	72.1	92.5	94.1	95.8	97.8	98.0	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.3
1000	72.1	92.5	94.1	95.8	97.8	98.0	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.6
500	72.1	92.5	94.1	95.8	97.8	98.0	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.9
0	72.1	92.5	94.1	95.8	97.8	98.0	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.5	99.6	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 5608

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-74

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0
NO OBSERVATIONS	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2-0000	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2-1000	78.1	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2-2000	78.1	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2-3000	78.1	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2-4000	78.1	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2-5000	78.1	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
2-6000	81.2	85.5	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2-7000	81.7	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2-8000	82.0	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2-9000	82.0	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2-10000	82.0	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2-11000	83.0	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2-12000	84.9	90.3	90.6	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
2-13000	84.9	91.1	91.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2-14000	85.0	93.0	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
2-15000	86.0	93.0	94.1	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2-16000	87.0	95.4	95.7	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
2-17000	87.0	95.7	96.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2-18000	88.0	96.0	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2-19000	88.0	96.0	97.0	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
2-20000	88.2	97.0	97.6	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2-21000	88.2	97.3	97.8	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2-22000	88.2	97.6	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2-23000	88.2	97.6	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2-24000	88.2	97.6	98.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2-25000	88.2	97.6	98.1	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
2-26000	88.2	97.6	98.1	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
2-27000	88.2	97.6	98.1	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
2-28000	88.2	97.6	98.1	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
2-29000	88.2	97.6	98.1	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
2-30000	88.2	97.6	98.1	98.7	99.5	99.5	99.5	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 372

CEILING VERSUS VISIBILITY

71-75

MAF

L300-050L

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 372

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAF

CEILING VERSUS VISIBILITY

1 667 PATRICK AFB FL

71-80

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

4600-0000

		VISIBILITY (STAT MILES)																			
		2 1/2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
NO. OF	FEET																				
1000	42.5	50.4	60.1	62.5	64.1	64.5	64.9	65.0	65.0	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
2000	45.7	63.4	65.5	65.7	70.4	71.0	71.6	71.7	71.7	71.7	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
3000	45.7	63.7	65.2	69.0	70.7	71.3	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
4000	45.7	63.7	65.2	69.0	70.7	71.3	71.8	71.9	71.9	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
5000	45.9	64.0	66.4	69.2	70.9	71.6	72.1	72.2	72.2	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
6000	46.5	64.9	67.3	70.3	71.9	72.6	73.1	73.4	73.4	73.4	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
7000	48.1	67.7	70.1	73.1	74.8	75.5	76.1	76.3	76.3	76.3	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
8000	48.3	68.5	71.5	73.9	75.5	76.3	76.8	77.1	77.1	77.1	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	
9000	49.5	70.0	72.0	75.7	77.3	78.1	78.6	78.9	78.9	78.9	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
10000	49.4	70.5	73.2	76.3	78.0	78.8	79.3	79.5	79.5	79.5	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
11000	49.7	71.3	74.0	77.1	78.8	79.5	80.1	80.3	80.3	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
12000	51.3	73.7	76.4	79.5	81.3	82.1	82.6	82.9	82.9	82.9	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
13000	51.2	74.3	77.1	80.2	82.0	82.8	83.3	83.5	83.5	83.5	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	
14000	52.1	76.1	79.0	82.4	84.2	84.9	85.5	85.7	85.7	85.7	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	
15000	53.3	77.6	80.5	84.0	85.8	86.6	87.1	87.4	87.4	87.4	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
16000	53.8	79.0	82.1	85.6	87.6	88.5	89.1	89.3	89.3	89.3	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
17000	54.2	79.7	82.8	86.2	88.5	89.4	90.0	90.2	90.2	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	
18000	54.6	81.5	84.6	88.0	90.5	91.4	91.9	92.1	92.1	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
19000	54.7	81.6	84.7	88.2	90.6	91.5	92.0	92.3	92.3	92.3	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
20000	54.8	82.0	85.1	88.5	91.0	91.9	92.4	92.7	92.7	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
21000	54.8	82.1	85.3	88.8	91.5	92.4	93.1	93.3	93.3	93.3	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
22000	55.1	82.6	85.7	89.8	92.7	93.6	94.2	94.5	94.5	94.5	94.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
23000	55.1	82.9	86.1	90.0	92.8	93.7	94.3	94.6	94.7	94.7	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
24000	55.1	83.0	86.2	90.1	93.1	94.0	94.6	94.9	95.1	95.1	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
25000	55.1	83.0	86.2	90.2	93.3	94.2	94.9	95.1	95.4	95.4	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
26000	55.1	83.4	86.6	90.6	94.0	94.9	95.8	96.1	96.4	96.5	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
27000	55.1	83.5	86.7	90.9	94.2	95.4	96.3	96.7	96.9	97.0	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
28000	55.1	83.5	86.7	90.9	94.3	95.5	96.5	96.9	97.2	97.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
29000	55.1	83.7	86.9	91.0	94.5	95.6	96.8	97.2	97.4	97.6	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
30000	55.1	83.7	86.9	91.0	94.5	95.6	96.9	97.3	97.6	97.7	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
31000	55.1	83.7	86.9	91.0	94.5	95.6	97.0	97.4	97.7	97.8	98.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
32000	55.1	83.7	86.9	91.0	94.5	95.6	97.0	97.4	97.7	97.8	98.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	

USE WITH CAUTION

SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

777

CEILING VERSUS VISIBILITY

71-3"

MAE

922-1106

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

MA

1212-1451

TOTAL NUMBER OF OBSERVATIONS 930

14-5 2) A. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CEILING VERSUS VISIBILITY

71-87

MAR

1500-1700

TOTAL NUMBER OF OBSERVATIONS 930

USAF FTAC 0-14.5 VOL A PREVIOUS EDITIONS AND FORMS ARE OBSOLETE

CEILING VERSUS VISIBILITY

PATRICK AFB FL

71-66

MAF

1800-2000

TOTAL NUMBER OF OBSERVATIONS 930

USAF FIAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 PATRICK AFB FL

71-80

448

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

		VISIBILITY (STATUTE MILES)																	
		20	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1000	FEET	61.4	74.3	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
900	FEET	64.3	79.4	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
800	FEET	64.6	79.5	79.5	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
700	FEET	64.7	79.6	79.6	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
600	FEET	64.7	79.8	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
500	FEET	65.1	81.1	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
400	FEET	67.1	83.0	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
300	FEET	68.1	83.9	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
200	FEET	69.1	85.1	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
100	FEET	69.4	85.5	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
50	FEET	71.4	87.7	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
0	FEET	71.6	89.8	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4000	FEET	72.2	90.7	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
3000	FEET	73.1	92.3	92.5	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
2000	FEET	74.1	93.9	94.1	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1500	FEET	74.2	94.3	95.1	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	FEET	74.4	95.1	95.6	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500	FEET	74.9	95.7	96.1	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
0	FEET	75.1	96.2	96.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
4000	FEET	75.1	96.2	96.8	97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
3000	FEET	75.2	96.4	97.1	98.1	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2000	FEET	75.2	96.4	97.1	98.2	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1500	FEET	75.2	96.4	97.1	98.2	98.9	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	FEET	75.2	96.7	97.4	98.6	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
500	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
4000	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
3000	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
2000	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1500	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
1000	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
500	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	FEET	75.3	96.8	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ADMINISTRATIVE SERVICE/MAIL

CEILING VERSUS VISIBILITY

1 87 FAIRBORN AFB FL

71-80

MAE

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

1000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
900	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
800	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
700	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
600	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
500	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
400	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
300	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
200	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
100	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 6140

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-67 PATRICK AFB FL

71-74,78

APP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2200

		UNBROKEN STATE IN MILES																			
CEILING	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1000	1000	6.1	74.7	75.3	75.6	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
900	900	6.4	77.4	78.6	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
800	800	6.7	78.2	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
700	700	6.7	78.2	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
600	600	6.7	78.2	79.1	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
500	500	71.9	81.3	82.3	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
400	400	71.4	82.4	82.4	83.2	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
300	300	73.4	83.9	84.8	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
200	200	74.1	84.8	85.4	85.4	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
100	100	75.4	86.4	87.3	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
50	50	77.8	89.9	90.4	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
0	0	78.0	91.5	92.4	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
1000	1000	79.1	91.4	92.7	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
900	900	79.7	92.7	93.7	94.3	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
800	800	80.1	93.0	94.0	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
700	700	80.7	93.7	94.6	95.6	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
600	600	81.0	94.0	94.9	95.9	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
500	500	81.1	94.0	94.9	95.9	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
400	400	81.1	94.0	94.9	95.9	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
300	300	81.4	94.6	95.6	96.5	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
200	200	81.6	94.6	95.6	96.5	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
100	100	81.6	95.3	96.2	97.2	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
50	50	81.4	95.3	96.2	97.2	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	0	81.6	95.6	96.5	97.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	1000	81.6	95.6	96.5	97.5	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	900	81.4	95.6	96.5	97.5	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	800	81.4	95.6	96.5	97.5	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	700	81.4	95.6	96.5	97.5	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	600	81.6	95.6	96.5	97.5	99.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USE WITH CAUTION

SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

316

REGIONAL CLIMATOLOGY BRANCH
USAF ETAC
ATLANTA WEATHER SERVICE/940

CEILING VERSUS VISIBILITY

1 067

PATRICK AFB FL

71-76

AP-2

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

		VISIBILITY - STATUTE MILES																
		200	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110	116
NO. OF	FEET	10.1	7.4	71.4	7.3	73.0	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
1-500		62.4	73.9	74.4	75.8	76.4	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
500-1000		62.2	73.9	74.4	75.8	76.4	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1000-1500		62.2	73.9	74.4	75.8	76.4	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1500-2000		63.2	74.2	75.4	76.1	76.7	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
2000-2500		66.4	77.4	78.3	79.2	79.9	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
2500-3000		66.4	77.4	78.3	79.2	79.9	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
3000-3500		67.1	79.6	81.5	81.4	82.1	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
3500-4000		68.1	80.4	81.1	82.1	82.7	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
4000-4500		69.2	82.7	83.6	84.6	85.2	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
4500-5000		70.1	83.6	84.6	85.5	86.2	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000-5500		70.4	84.7	84.9	85.8	86.5	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
5500-6000		70.4	84.3	85.2	86.2	86.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
6000-6500		72.3	86.5	87.7	88.7	89.9	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
6500-7000		72.6	86.8	87.7	88.7	90.3	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
7000-7500		73.3	87.4	89.4	89.3	90.9	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
7500-8000		73.9	88.7	89.6	90.6	92.1	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
8000-8500		74.2	89.3	90.7	91.2	92.8	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
8500-9000		75.2	90.9	91.4	92.8	94.3	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
9000-9500		75.2	90.9	91.9	92.8	94.3	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
9500-10000		75.2	91.2	92.5	93.4	95.0	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
10000-10500		75.2	91.5	92.8	93.7	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
10500-11000		75.2	91.5	92.8	93.7	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
11000-11500		75.2	91.5	92.8	93.7	95.3	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
11500-12000		75.2	91.5	93.1	94.0	95.9	96.5	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
12000-12500		75.2	91.5	93.1	94.0	96.2	96.9	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
12500-13000		75.2	91.5	93.1	94.0	96.2	96.9	97.5	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
13000-13500		75.2	91.5	93.1	94.0	96.2	96.9	97.5	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
13500-14000		75.2	91.5	93.1	94.0	96.2	96.9	97.5	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
14000-14500		75.2	91.5	93.1	94.0	96.2	96.9	97.5	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 318

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1-67 PATRICK AFB FL

71-60

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800

CEILING FEET		VISIBILITY STATUTE MILES															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
NO CEILING	45.1	62.3	64.2	65.7	68.1	68.7	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
2 2000	45.9	67.7	69.5	71.4	73.8	74.4	75.2	75.2	75.2	75.3	75.3	75.3	75.5	75.5	75.6	75.6	75.6
2 1800	46.3	67.7	69.5	71.4	73.8	74.4	75.2	75.2	75.2	75.3	75.3	75.3	75.5	75.5	75.6	75.6	75.6
2 1600	46.9	67.8	69.6	71.6	73.9	74.5	75.3	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.7	75.7	75.7
2 1400	46.2	67.8	69.6	71.7	74.0	74.7	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8
2 1200	47.3	69.4	71.2	73.2	75.6	76.2	77.0	77.0	77.0	77.3	77.3	77.3	77.4	77.4	77.5	77.5	77.5
2 1000	47.1	72.2	74.7	76.1	78.4	79.1	79.9	79.9	79.9	80.1	80.1	80.1	80.4	80.4	80.6	80.6	80.6
2 800	47.3	72.6	74.5	76.6	79.0	79.6	80.4	80.4	80.4	81.6	80.6	80.6	80.9	80.9	81.2	81.2	81.2
2 600	50.4	73.9	75.4	77.9	80.4	81.0	81.9	81.9	81.9	82.2	82.2	82.2	82.5	82.5	82.7	82.7	82.7
2 400	51.2	74.4	76.4	78.6	81.0	81.7	82.6	82.6	82.6	82.9	82.9	82.9	83.1	83.1	83.4	83.4	83.4
2 200	51.4	75.1	77.1	79.2	81.7	82.3	83.2	83.2	83.2	83.5	83.5	83.5	83.8	83.8	84.0	84.0	84.0
2 100	53.1	77.3	79.0	81.7	84.2	84.8	85.7	85.7	85.7	86.1	86.1	86.1	86.4	86.4	86.6	86.6	86.6
1 4000	53.2	77.5	79.7	81.9	84.4	85.1	86.0	86.0	86.0	86.4	86.4	86.4	86.6	86.6	86.9	86.9	86.9
1 3500	53.7	78.6	81.1	83.2	85.8	86.5	87.4	87.4	87.4	87.8	87.8	87.8	88.1	88.1	88.3	88.3	88.3
1 3000	54.4	81.3	82.7	84.9	87.8	88.4	89.5	89.5	89.5	89.9	89.9	89.9	90.3	90.3	90.5	90.5	90.5
1 2500	54.9	81.2	83.5	86.1	89.0	89.6	90.6	90.6	90.6	91.0	91.0	91.0	91.4	91.4	91.7	91.7	91.7
1 2000	55.7	82.2	84.3	87.0	90.0	90.6	91.7	91.7	91.7	92.1	92.1	92.1	92.5	92.5	92.7	92.7	92.7
1 1800	56.2	83.2	85.0	88.6	91.6	92.2	93.4	93.4	93.4	93.8	93.8	93.8	94.2	94.2	94.4	94.4	94.4
1 1600	56.1	83.2	85.5	88.6	91.6	92.2	93.4	93.4	93.4	93.8	93.8	93.8	94.2	94.2	94.4	94.4	94.4
1 1400	57.1	84.2	86.7	89.6	92.6	93.2	94.4	94.4	94.4	94.8	94.8	94.8	95.2	95.2	95.5	95.5	95.5
1 1200	57.3	84.9	87.7	90.4	93.4	94.0	95.2	95.2	95.2	95.6	95.6	95.6	96.0	96.0	96.2	96.2	96.2
1 1000	57.4	85.3	88.0	90.8	93.8	94.4	95.6	95.6	95.6	96.0	96.0	96.0	96.4	96.4	96.6	96.6	96.6
1 800	57.4	85.3	88.0	90.8	93.8	94.4	95.7	95.7	95.7	96.1	96.1	96.1	96.5	96.5	96.8	96.8	96.8
1 600	57.3	85.3	88.3	91.0	94.2	94.8	96.1	96.1	96.1	96.5	96.5	96.5	96.9	96.9	97.1	97.1	97.1
1 400	57.5	85.5	88.3	91.2	94.4	95.1	96.4	96.4	96.4	96.8	96.8	96.8	97.1	97.1	97.4	97.4	97.4
1 200	57.5	85.6	88.4	91.3	94.7	95.5	96.8	96.8	96.8	97.1	97.1	97.1	97.5	97.5	97.8	97.8	97.8
1 100	57.5	85.6	88.4	91.3	94.9	95.7	97.1	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.4	98.4	98.4
1 50	57.4	85.6	88.5	91.6	95.2	96.0	97.3	97.4	97.4	97.7	97.7	97.7	98.3	98.3	98.7	98.7	98.7
1 00	57.5	85.6	88.6	91.6	95.3	96.1	97.4	97.5	97.5	97.8	97.8	97.8	98.6	98.6	99.0	99.2	99.2
1 00	57.5	85.6	88.6	91.6	95.3	96.1	97.4	97.7	97.7	97.9	98.7	99.0	99.0	99.0	99.4	99.6	99.7
1 00	57.5	85.6	88.6	91.6	95.3	96.1	97.4	97.7	97.7	97.9	98.7	99.0	99.0	99.0	99.4	99.6	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 770

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-61

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-1100

CEILING FEET	VISIBILITY - STATUTE MILES															
	250	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
900	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
800	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
700	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
600	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
500	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
400	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
300	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
200	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
100	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10067 PATRICK AFB FL

71-80

APD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

		VISIBILITY - STATUTE MILES															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CEILING - FEET																	
10000		73.0	73.0	73.0	74.3	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
8000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
6000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
4000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
1000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
800		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
600		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
400		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
200		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
100		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
50		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
25		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
10		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
5		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
1		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
0		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

APP

1540-1700

[illegible]

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-80

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400

FOOT FEET		MILES TO SEASIDE															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
100	FEET	74.1	74.6	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
200	FEET	82.7	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
300	FEET	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
400	FEET	84.1	84.7	85.0	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
500	FEET	85.1	85.7	86.1	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
600	FEET	86.1	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
700	FEET	87.1	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
800	FEET	88.1	88.7	89.1	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
900	FEET	89.1	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
1000	FEET	90.1	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1100	FEET	91.1	91.7	92.1	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1200	FEET	92.1	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1300	FEET	93.1	93.7	94.1	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1400	FEET	94.1	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
1500	FEET	95.1	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1600	FEET	96.1	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1700	FEET	97.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800	FEET	98.1	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1900	FEET	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2100	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2200	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2300	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2400	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2500	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2600	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2700	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2800	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2900	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
3000	FEET	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 0-14-5-01 ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 667 PATRICK AFB FL

71-8

AP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

		VISIBILITY (STATUTE MILES)																		
		20	15	10	5	2.5	2	1.5	1	0.75	0.5	0.25	0.15	0.1	0.075	0.05	0.025	0.015	0.01	0.0075
CEILING	4.4	7.2	7.4	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
2000	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
1500	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
1000	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
800	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
600	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
400	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
200	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
100	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
50	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
25	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
15	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
10	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
5	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
2.5	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
2	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
1.5	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
1	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.75	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.5	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.25	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.15	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.1	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.075	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.05	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.025	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.015	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.01	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.0075	84.4	84.7	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4

USE WITH CAUTION TOTAL NUMBER OF OBSERVATIONS 834
SEE FIRST PAGE

CEILING VERSUS VISIBILITY

71-3

APV

ALL. . .

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 5837

USAF ETAC 3-11.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 396 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2.
PATRICK AFB, COCOA BEACH, FLORIDA. REVISED UNIFORM SUMMARY OF S--ETC(U)
APR 81
UNCLASSIFIED USAFETAC/DS-81/050 SRIE-AD-E850 083 NL

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
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APR 81

UNCLASSIFIED USAFETAC/DS-81/050

SBIE-AD-E850 083

NL

3 of 5

DOI: 10.1002/anie

CEILING VERSUS VISIBILITY

71-73, 70

May

2000-2200

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 280

CLIMATE CLIMATOLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1600-0800

		VISIBILITY IN STATUTE MILES															
		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1000	1000	35.5	58.9	62.1	64.0	66.5	66.7	66.8	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.3	67.3
1000	1000	41.6	66.7	69.3	72.2	74.9	75.1	75.3	75.4	75.5	75.8	75.8	75.8	75.8	75.9	75.9	75.9
1000	1000	41.9	67.0	70.3	72.5	75.2	75.4	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.2
1000	1000	41.9	67.0	70.3	72.5	75.2	75.4	75.6	75.8	75.9	76.1	76.1	76.1	76.1	76.2	76.2	76.2
1000	1000	42.2	67.7	70.9	73.2	75.9	76.1	76.3	76.4	76.5	76.7	76.7	76.7	76.7	76.8	76.8	76.8
1000	1000	43.3	69.2	72.4	74.8	77.5	77.7	78.0	78.1	78.2	78.4	78.4	78.4	78.4	78.6	78.6	78.6
1000	1000	47.1	75.0	78.6	81.4	84.2	84.5	84.9	85.0	85.1	85.3	85.3	85.3	85.3	85.5	85.5	85.5
1000	1000	47.2	75.0	79.4	82.4	85.2	85.6	86.0	86.1	86.2	86.4	86.4	86.4	86.4	86.5	86.5	86.5
1000	1000	48.6	78.1	81.7	84.7	87.5	87.8	88.4	88.5	88.6	88.8	88.8	88.8	88.8	88.9	88.9	88.9
1000	1000	48.8	78.3	81.9	84.9	87.7	88.0	88.6	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1
1000	1000	49.1	79.1	82.7	85.7	88.5	88.8	89.3	89.4	89.5	89.8	89.8	89.8	89.8	89.9	89.9	89.9
1000	1000	49.6	80.1	83.7	86.7	89.5	89.9	90.4	90.5	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
1000	1000	49.7	80.2	83.8	86.9	89.7	90.0	90.5	90.6	90.7	90.9	90.9	90.9	90.9	91.1	91.1	91.1
1000	1000	50.3	81.3	84.9	87.9	90.7	91.1	91.6	91.7	91.8	92.0	92.0	92.0	92.0	92.1	92.1	92.1
1000	1000	51.5	82.1	86.0	89.1	91.9	92.2	92.8	92.9	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3
1000	1000	51.6	82.0	86.0	89.0	92.8	93.1	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3
1000	1000	51.0	83.3	87.2	90.6	93.4	93.8	94.4	94.5	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9
1000	1000	51.2	83.7	87.6	91.1	93.9	94.2	94.8	94.9	95.1	95.3	95.3	95.3	95.3	95.4	95.4	95.4
1000	1000	51.4	83.9	87.8	91.3	94.1	94.4	95.0	95.2	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
1000	1000	51.4	84.3	88.2	91.7	94.5	94.8	95.5	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0
1000	1000	51.6	84.5	88.5	91.9	94.7	95.0	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
1000	1000	51.6	84.6	88.6	92.0	94.9	95.3	95.9	96.0	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4
1000	1000	51.7	84.6	88.8	92.2	95.2	95.5	96.1	96.2	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7
1000	1000	51.7	85.3	89.4	92.9	95.8	96.1	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
1000	1000	51.8	85.6	89.7	93.1	96.0	96.3	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
1000	1000	51.8	85.8	89.9	93.3	96.2	96.6	97.2	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8
1000	1000	51.0	85.8	89.9	93.3	96.3	96.8	97.4	97.6	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.2
1000	1000	51.0	85.9	90.1	93.8	96.9	97.3	98.0	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7
1000	1000	51.7	85.9	90.1	93.8	97.1	97.5	98.2	98.6	98.7	99.1	99.1	99.1	99.1	99.2	99.2	99.5
1000	1000	51.7	85.9	90.1	93.8	97.1	97.5	98.3	98.7	98.9	99.4	99.4	99.4	99.4	99.5	99.8	100.0
1000	1000	51.7	85.9	90.1	93.8	97.1	97.5	98.3	98.7	98.9	99.4	99.4	99.4	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-80

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

		VISIBILITY (STATUTE MILES)																
		210	20	25	34	35	37	38	39	40	41	42	43	44	45	46	47	48
4	FEET	47.1	54.2	55.1	56.1	57.5	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
1	20000	53.1	71.2	71.1	72.2	72.5	72.6	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
2	18000	53.7	71.9	72.5	72.8	73.1	73.2	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
3	16000	53.3	71.1	72.6	72.9	73.2	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
2	14000	54.2	71.6	73.2	73.5	73.9	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
1	12000	56.2	74.3	75.7	76.1	76.5	76.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
2	10000	61.2	80.1	81.5	82.4	82.8	82.9	83.1	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1	9000	61.7	80.6	82.4	82.9	83.3	83.4	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
2	8000	63.7	83.7	85.5	86.1	86.5	86.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
1	7000	64.3	84.2	85.7	87.2	87.6	87.7	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
2	6000	64.9	85.9	87.7	88.3	88.7	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
1	5000	65.3	86.6	88.4	88.9	89.4	89.5	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2	4500	65.7	87.7	89.6	90.2	90.8	90.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
1	4000	66.3	89.6	91.4	92.0	92.7	92.8	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
2	3500	66.8	90.5	92.5	93.3	94.0	94.2	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1	3000	67.6	92.3	94.2	95.2	96.0	96.2	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
2	2500	68.2	93.0	95.1	96.0	96.9	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1	2000	68.7	93.9	96.1	97.1	98.0	98.3	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2	1800	68.7	93.9	96.1	97.1	98.1	98.4	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1	1600	69.7	94.1	96.5	97.4	98.4	98.7	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2	1400	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	1200	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	1000	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	900	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	800	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	700	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	600	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	500	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	400	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	300	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	200	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100	68.9	94.3	95.7	97.6	98.6	98.9	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

71-31

MAY

2100-2300

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 714

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY SPANISH
CHAPLAIN
AT WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1967

PATRICK AFB FL

71-87

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

		VISIBILITY IN FEET															
		20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
1000	FEET	47.3	52.0	63.8	63.8	64.6	64.6	64.8	64.8	64.9	65.	65.	65.	65.0	65.1	65.0	65.0
900	FEET	57.3	73.3	75.3	76.0	76.9	77.0	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
800	FEET	57.3	74.1	75.3	76.2	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
700	FEET	57.4	74.2	75.6	76.3	77.2	77.3	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
600	FEET	57.3	74.7	76.1	76.6	77.7	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
500	FEET	58.0	76.1	77.8	78.3	79.2	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7
400	FEET	63.3	82.1	83.6	84.4	85.4	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
300	FEET	63.7	82.7	84.3	85.2	86.2	86.3	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
200	FEET	65.3	85.4	87.1	87.9	88.9	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
100	FEET	66.1	86.2	87.8	88.8	89.8	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
50	FEET	66.3	86.9	88.5	89.5	90.4	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
25	FEET	67.3	87.9	89.7	90.6	91.6	91.7	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
10	FEET	67.5	88.6	90.3	91.3	92.4	92.5	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
5	FEET	68.1	90.0	91.8	92.8	93.9	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5
2	FEET	69.1	92.0	93.8	95.2	96.5	96.6	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1	FEET	69.4	92.6	94.4	95.8	97.1	97.3	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
0	FEET	69.7	93.1	95.1	96.4	97.7	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
0	FEET	69.8	93.1	95.7	96.5	97.8	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	FEET	69.8	93.3	95.4	96.7	98.0	98.3	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
0	FEET	69.9	93.4	95.5	96.8	98.2	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
0	FEET	69.9	93.5	95.6	96.9	98.2	98.5	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4
0	FEET	69.9	93.5	95.6	96.9	98.3	98.5	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
0	FEET	70.0	93.6	95.7	97.0	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
0	FEET	70.0	93.7	95.8	97.1	98.4	98.7	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
0	FEET	70.0	93.7	95.8	97.1	98.5	98.7	99.1	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6
0	FEET	70.0	93.7	95.9	97.2	98.6	98.9	99.3	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
0	FEET	70.0	93.7	95.9	97.2	98.6	98.9	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
0	FEET	70.0	93.7	95.9	97.2	98.6	98.9	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9
0	FEET	70.0	93.7	95.9	97.2	98.6	98.9	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 5920

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY SEARCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67

PATRICK AFB FL

71-73

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-0200

		VISIBILITY - STATUTE MILES																			
		20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58
1000	74.1	72.2	72.2	71.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
900	74.1	81.9	82.2	82.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
800	74.1	81.9	82.2	82.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
700	74.1	81.9	82.2	82.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
600	75.1	83.0	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
500	81.9	83.0	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
400	83.3	83.3	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
300	84.1	83.3	83.3	83.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
200	85.2	84.1	84.4	84.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
100	86.3	84.1	84.4	84.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
000	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
900	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
800	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
700	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
600	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
500	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
400	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
300	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
200	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
100	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
000	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
900	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
800	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
700	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
600	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
500	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
400	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
300	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
200	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
100	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
000	86.3	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7

TOTAL NUMBER OF OBSERVATIONS 270

USAF ETAC 0-14-5 TOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/340

CEILING VERSUS VISIBILITY

1 67 PATRICK AFB FL

71-73, 75-77

00

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

300-0500

CEILING	71	73	75	76	77	71	73	75	76	77	71	73	75	76	77	71	73	75	76	77	71	73	75	76	77	71	73	75	76	77
1000	81.3	72.6	74.4	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
900	80.1	81.1	82.1	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
800	80.1	81.1	82.1	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
700	80.1	81.1	82.1	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
600	82.7	82.1	83.1	84.3	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
500	73.4	86.9	88.7	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
400	73.7	87.2	89.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
300	74.5	88.1	89.1	90.1	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
200	74.1	89.1	90.1	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
100	74.1	89.1	90.1	91.2	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
000	75.4	90.5	92.1	92.7	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	
999	76.3	91.9	92.7	93.1	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
998	76.3	91.6	92.4	93.6	93.6	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
997	76.1	91.6	92.4	93.3	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
996	76.1	91.6	92.4	93.3	93.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
995	76.1	92.7	94.5	94.9	96.0	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
994	76.1	93.1	94.5	95.3	96.4	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
993	76.1	93.4	95.1	96.1	97.1	97.3	97.8	97.8	97.8	97.8	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
992	76.1	93.1	95.1	96.4	97.6	98.5	98.5	98.5	98.5	98.5	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
991	76.1	93.1	95.1	96.4	98.2	98.9	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
990	76.1	93.1	95.1	96.4	98.2	98.9	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
989	76.1	93.1	95.1	96.4	98.2	98.9	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
988	76.1	93.1	95.1	96.4	98.2	98.9	98.9	98.9	98.9	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
987	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
986	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
985	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
984	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
983	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
982	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
981	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
980	76.1	94.2	96.4	96.7	98.5	99.3	99.3	99.3	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 274

USAF ETAC 0-14-5101 A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

1. ET - 2.11.10.7. AFL FL

71-1

JUN

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

650-1800

[illegible]TOTAL NUMBER OF OBSERVATIONS 900

1

CEILING VERSUS VISIBILITY

JUN

7902-1172

1

900

USAF ETAC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING CLIMATOLOGY FORM
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 JUN 67 PATRICK AFB FL

71-60

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-2000	40.7	41.2	41.4	41.7	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
2-2000	46.1	62.1	62.7	63.4	62.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
3-2000	47.3	62.7	63.3	64.1	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
4-2000	47.3	62.7	63.3	64.1	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
5-2000	48.1	64.1	64.7	65.4	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
6-2000	50.1	67.9	68.3	69.6	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
7-2000	56.1	76.3	77.0	78.9	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
8-2000	57.1	76.3	78.4	80.4	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
9-2000	59.3	82.4	83.0	84.9	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
10-2000	60.1	83.4	84.7	86.1	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
11-2000	60.9	84.1	85.3	86.3	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
12-2000	61.2	85.2	86.7	88.3	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
13-2000	61.6	85.7	87.3	89.1	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
14-2000	61.3	87.2	88.7	91.1	91.6	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
15-2000	62.1	88.1	89.9	92.1	92.9	93.0	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
16-2000	62.1	89.6	91.4	94.1	94.8	94.9	95.2	95.3	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
17-2000	63.3	90.2	92.1	94.3	95.6	95.7	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
18-2000	63.7	91.3	92.7	96.3	97.2	97.3	97.7	97.8	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
19-2000	62.7	91.3	93.7	96.3	97.2	97.3	97.7	97.9	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
20-2000	63.3	91.9	93.7	96.6	97.6	97.7	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
21-2000	63.3	92.3	94.1	97.2	98.4	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
22-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
23-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
24-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
25-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
26-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
27-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
28-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
29-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
30-2000	63.3	92.4	94.4	97.4	98.7	98.8	99.1	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
USAF ETAC
AF STATE SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 WITRICK AFB FL

71-67

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

		VISIBILITY STATISTICS															
		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1	2000	46.4	54.9	55.7	55.7	55.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
2	1800	59.1	72.1	72.9	72.9	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
3	1600	59.6	72.5	73.3	73.3	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
4	1400	59.6	72.5	73.3	73.3	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
5	1200	63.3	77.2	78.1	78.1	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
6	1000	59.1	66.2	67.2	67.5	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
7	800	59.7	67.0	68.1	68.3	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
8	600	71.4	69.0	90.1	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
9	400	71.4	90.1	91.1	91.3	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
10	200	73.1	91.6	92.6	92.9	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
11	100	74.1	92.6	93.0	94.2	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
12	50	74.3	93.5	94.3	94.9	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
13	25	74.6	94.1	95.2	95.5	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
14	10	74.3	94.8	96.1	96.4	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
15	5	74.7	95.4	96.7	97.1	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
16	2	75.2	96.4	97.5	98.3	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
17	1	75.2	96.7	98.1	98.6	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
18	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
19	0	75.4	97.0	98.4	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
21	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
22	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
23	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
24	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25	0	75.4	97.0	98.4	98.8	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10867 PATRICK AFB FL

71-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

FROM FEET		VISIBILITY STAT IN MILES																	
		2 1/2	2 3/4	2 5/8	2 7/8	3	3 1/8	3 3/8	3 5/8	4	4 1/8	4 3/8	4 5/8	5	5 1/8	5 3/8	5 5/8	6	6 1/8
100	FEET	65.5	71.8	73.4	75.4	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
200	FEET	63.3	81.2	83.3	84.9	85.4	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
300	FEET	63.3	81.5	83.7	85.3	85.7	85.8	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
400	FEET	63.3	82.5	84.6	86.2	86.7	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
500	FEET	66.1	85.3	87.4	89.0	89.5	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
600	FEET	70.3	91.5	93.7	95.3	95.7	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
700	FEET	70.3	91.9	94.1	95.7	96.1	96.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
800	FEET	70.3	92.5	94.6	96.2	96.7	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
900	FEET	70.3	92.7	94.8	96.5	96.9	97.0	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1000	FEET	70.3	92.9	95.2	96.8	97.2	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1100	FEET	70.3	93.0	95.3	96.9	97.3	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1200	FEET	70.3	93.0	95.3	96.9	97.3	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1300	FEET	70.3	93.0	95.3	96.9	97.3	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1400	FEET	70.3	93.0	95.3	96.9	97.3	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1500	FEET	70.3	93.0	95.3	96.9	97.3	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1600	FEET	71.0	93.3	95.6	97.3	98.0	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1700	FEET	71.0	93.3	95.6	97.3	98.0	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1800	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1900	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
2000	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2100	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2200	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2300	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2400	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2500	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2600	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2700	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2800	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2900	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3000	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3100	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3200	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3300	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3400	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3500	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3600	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3700	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3800	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
3900	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
4000	FEET	71.0	93.5	95.8	97.5	98.2	98.3	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAN

CEILING VERSUS VISIBILITY

1 67

PAIPICL AFD FL

71-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

12-0-1400

		CEILING IN FEET															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	67	74.3	61.4	61.7	61.8	61.8	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
2	71.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
3	71.3	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
4	71.8	61.2	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
5	72.7	62.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
6	74.2	64.5	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
7	77.7	69.5	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
8	73.2	68.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
9	79.5	72.5	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
10	79.6	72.5	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
11	80.2	73.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
12	80.2	73.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
13	80.3	73.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
14	80.3	74.0	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
15	80.3	74.2	75.5	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
16	81.5	76.1	77.4	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
17	81.9	76.9	78.3	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
18	82.0	77.1	78.5	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
19	82.2	77.2	78.6	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
20	82.2	77.5	78.9	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
21	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
22	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
23	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
24	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
25	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
26	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
27	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
28	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
29	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
30	82.2	77.5	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17067 PATRICK AFB FL

71-80

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
400	45.5	52.9	53.3	52.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
300	52.3	72.3	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
200	53.4	73.1	73.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
100	53.4	73.1	73.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
50	54.5	74.5	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
25	55.4	76.5	77.4	78.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
10	70.9	84.7	85.0	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
5	71.3	85.4	86.6	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
2	72.7	87.6	88.9	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1	73.1	89.1	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0	73.1	88.1	89.5	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1000	73.5	88.3	90.3	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
900	73.8	89.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
800	74.7	90.5	92.1	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
700	74.7	90.6	92.5	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
600	76.0	93.5	95.1	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500	76.2	94.4	96.6	97.6	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
400	76.3	94.8	97.7	98.3	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
300	76.3	94.8	97.2	98.4	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
200	76.3	94.8	97.2	98.4	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
100	76.3	94.9	97.3	98.5	98.8	98.8	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
50	76.3	95.1	97.4	98.6	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
25	76.3	95.1	97.4	98.6	98.9	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
10	76.3	95.1	97.4	98.6	98.9	99.1	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
5	76.3	95.1	97.4	98.6	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
2	76.3	95.1	97.4	98.6	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
1	76.3	95.1	97.4	98.6	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	76.3	95.1	97.4	98.6	98.9	99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

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2100-2300

USE WITH CAUTION.
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 715

CEILING VERSUS VISIBILITY

JUL

ALL

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 5928

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VISIBILITY
STATION
AIR WEATHER

CEILING VERSUS VISIBILITY

1.62

71-72

AVG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0
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USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 279

CEILING VERSUS VISIBILITY

71-77, 76, 78-79

AUG

300-0500

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 286

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
WAFB/TAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

STATION 1 67 PATRICK AFB FL STATION NAME 71-5 YEAR AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0600
HOURS TYP

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 20000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 18000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 16000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 14000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 12000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 10000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 9000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 7000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 6000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 5000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4500	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 4000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 2500	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 2000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 1800	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 1500	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 1200	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 1000	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 900	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 800	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 700	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 600	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 500	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 400	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 300	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 200	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 100	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 0	57.1	74.1	75.3	75.8	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6

TOTAL NUMBER OF OBSERVATIONS 936

CLIMATE BRANCH
 CEASER
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1 67 STATION PATRICK AFB FL 71-87 JAN 1900-1100 MONTH AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15
NO CEILING	75.1	72.0	70.0	70.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 20000	76.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 18000	76.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 16000	76.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 14000	77.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	79.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 10000	83.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 9000	83.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	84.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	84.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	84.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	84.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	85.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	85.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500	85.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	85.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	86.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	86.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0	86.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 936

ARMY CLIMATE DIVISION
 WASHINGTON
 AIRCRAFT SERVICE UNIT

CEILING VERSUS VISIBILITY

1 167
 STATION

WATKINS AFB FL

STATION NAME

71-87

YEAR

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 20000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 7000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 5000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4500	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 4000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2500	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1800	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1500	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1200	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1000	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 900	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 800	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 700	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 600	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 500	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 400	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 300	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 200	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 100	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 0	74.4	66.7	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11 67 PATRICK AFB FL

71-80

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 6000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4500	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3500	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 3000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 2500	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 2000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1800	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1500	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1200	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 900	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 800	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 700	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 600	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 500	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 400	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 300	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 200	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 100	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW/Weather Service/1AC

CEILING VERSUS VISIBILITY

17-67
STATION

WATKINS AFB FL
STATION NAME

71-83
YEAR

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 0
NO CEILING	47.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	63.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000	64.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 16000	64.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 14000	65.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1200	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1000	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 800	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 700	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 600	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 500	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 400	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 300	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 200	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 100	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 0	65.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7

TOTAL NUMBER OF OBSERVATIONS 930

JOINT ALTIMETRY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1-67 PATRICK AFB FL

71-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.10	≥0.05	≥0.025	≥0.01
NO CEILING	61.9	66.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 20000	72.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	72.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000	72.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	74.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 12000	76.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	81.7	94.1	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	81.7	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 8000	83.1	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 7000	83.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 6000	83.6	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	83.6	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	84.1	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4000	84.1	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	84.5	98.7	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 3000	84.5	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	84.6	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	84.9	99.4	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

USE WITH CAUTION

SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

714

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. LOCAL ELEMENTS ONLY - RANCH
2. USAF ETAC
3. AIR STATION SERVICE AREA

CEILING VERSUS VISIBILITY

1 67
STATION

PATRICK AFB FL

STATION NAME

71-80

YEAR

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURLY

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	59.1	60.7	67.1	67.2	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 20000	71.1	71.1	82.1	82.7	82.9	83.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 18000	71.1	82.5	84.5	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 16000	71.1	82.5	83.5	82.8	82.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 14000	72.3	83.8	84.7	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 12000	74.8	86.6	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 10000	79.1	92.4	92.9	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 9000	79.4	93.7	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 8000	80.1	94.6	93.2	95.4	95.6	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 7000	80.7	95.2	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 6000	83.0	95.3	95.8	96.1	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 5000	81.3	95.4	96.1	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
IV 4500	81.1	95.7	96.3	96.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4000	81.8	96.1	96.8	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 3500	81.4	96.4	97.1	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 3000	82.3	97.2	97.9	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 2500	82.2	97.5	98.3	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 2000	82.3	97.9	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 1800	82.3	97.9	98.7	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1500	82.3	98.3	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1200	82.3	98.3	98.7	99.1	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
IV 1000	82.4	98.3	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	82.4	98.3	98.9	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 700	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 600	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 500	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 400	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 100	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 0	82.4	98.3	98.9	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

5929

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 667
STATION

PAINECK AFB FL
STATION NAME

71-73,78-79
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0201
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.3	≥.2	≥.15	≥.1	≥0
NO CEILING	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 20000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 16000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 14000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 8000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 7000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4500	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1800	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1500	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1000	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 900	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 800	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 700	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 600	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 500	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 400	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 300	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 200	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 100	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 0	77.3	76.4	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 273

USAF CLIMATOLOGY BRANCH
AFETAS
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1967
STATION

PATRICK AFB FL
STATION NAME

71-73, 75-76, 79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1
NO CEILING	71.3	75.6	77.1	76.4	75.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 20000	75.3	80.7	81.1	80.7	81.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IN 18000	75.3	80.7	81.1	80.7	81.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IN 16000	75.3	80.7	81.1	80.7	81.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IN 14000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 12000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 10000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 9000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 8000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 7000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 6000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 5000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 4500	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 4000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 3500	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 3000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 2500	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 2000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 1800	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 1500	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 1200	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 1000	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 900	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 800	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 700	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 600	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 500	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 400	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 300	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 200	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 100	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IN 0	76.7	81.1	81.1	80.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 275

OFFICIAL CELESTIOLOGY BRANCH
 CELESTIOLOGY
 AIRCRAFT SERVICE/740

CEILING VERSUS VISIBILITY

1-67 STATION NAME

71-80

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	77.7	85.4	86.4	88.3	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
≥ 20000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 10000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 8000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 3000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1200	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 800	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 700	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 600	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 500	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 400	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 300	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 200	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 100	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

1 67
STATION

WATKINS AFB FL
STATION NAME

71-80
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	74.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 18000	75.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 16000	75.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 14000	76.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 12000	77.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 10000	74.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 9000	74.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 8000	75.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 7000	75.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 6000	75.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 5000	75.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 4500	76.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4000	76.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 3500	76.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 3000	76.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	77.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2000	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1800	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1000	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 900	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 800	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 700	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 600	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 500	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 400	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 300	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 200	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 100	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 0	77.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS 897

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
ALBUQUERQUE, NEW MEXICO

CEILING VERSUS VISIBILITY

1 67 STATION NAME PATRICK AFB FL

71-81

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS, L.S.T.

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.7	53.4	54.7	54.8	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1500	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1200	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1000	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 900	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 800	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 700	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 600	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 500	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 300	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 200	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 100	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 0	6.7	71.6	72.1	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6

TOTAL NUMBER OF OBSERVATIONS 897

CEILING VERSUS VISIBILITY
 CEILING
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

1 67
 STATION

WATKINS AFB FL
 STATION NAME

71-4
 YEAR

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-2000
 PERIOD

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 8000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 7000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 6000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 5000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4500	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3500	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2500	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1800	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1500	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1200	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 1000	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 900	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 800	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 700	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 600	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 500	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 400	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 300	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 200	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 100	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 0	45.7	44.7	51.5	51.7	51.3	51.3	51.4	51.0	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIRCRAFT SERVICE ANAC

CEILING VERSUS VISIBILITY

STATION: 11-67 IADTIC, AFB FL STATION NAME: 71-87 YEAR: 3EF
 MONTH: 2100-2300
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	67.7	67.1	67.4	67.3	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20000	72.3	72.6	72.7	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 8000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 7000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4500	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3500	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2500	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 2000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1500	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1200	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1000	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 900	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 800	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 700	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 600	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 500	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 400	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 300	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 200	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 100	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 0	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 690

FLYING CLOUDS ONLY - RAOCH
 01001200
 AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

1007
 STATION

FAIRBANKS, AK, FI

STATION NAME

71-8

YEAR

SEP

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	63.6	76.4	77.4	77.7	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.0	78.0	78.0	78.1
≥ 18000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1000	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 900	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 800	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 700	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 600	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 500	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 400	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 300	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 200	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 100	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 0	63.6	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 5728

LOCAL CLIMATOLOGY MATCH
 DATE 170
 AIRCRAFT SERVICE 7110

CEILING VERSUS VISIBILITY

1067 STATION 7110 PICK AFB FL

71-73

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-2000
 GROUP 154

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 18000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 14000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 9000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 8000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 7000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 6000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 5000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4500	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 4000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 3500	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 3000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 2500	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 2000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 1800	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 1500	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 1200	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 1000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 900	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 800	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 700	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 600	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 500	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 400	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 300	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 200	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 100	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4

USE WITH CAUTION
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TOTAL NUMBER OF OBSERVATIONS 270

USAF ETAC
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 STATION NAME FL 71-74,76 YEAR 201

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

71-7500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 20000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 16000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 12000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 10000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 2000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1800	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1200	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 900	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 800	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 700	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 600	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 500	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 400	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 300	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 200	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 100	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1

USE WITH CAUTION
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TOTAL NUMBER OF OBSERVATIONS 280

ARMED CLIMATOLOGY BRANCH
HAFSLTAC
AEC SERVICE/NAAC

CEILING VERSUS VISIBILITY

1 67 STATION PATRICK AFB FL

71-87

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2600
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	66.4	62.1	63.4	65.4	61.5	63.9	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 20000	61.1	62.4	71.3	72.8	73.4	73.7	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	61.1	69.5	71.4	72.9	73.5	73.8	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	61.1	69.5	71.4	72.9	73.5	73.8	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	61.1	71.1	71.4	73.4	73.9	74.3	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	67.3	73.4	73.3	76.6	77.4	77.7	78.3	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	67.3	73.3	67.7	72.3	63.3	63.6	63.9	64.5	64.5	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	67.3	76.9	81.8	82.4	67.4	63.7	64.0	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	67.3	81.3	87.3	85.8	66.5	66.8	67.1	67.3	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 7000	67.3	87.3	84.7	85.8	66.8	67.1	67.5	67.6	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	67.3	82.5	84.4	86.0	67.1	67.5	67.8	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	67.3	83.8	85.2	87.5	69.7	69.0	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	61.1	84.6	86.7	88.4	69.6	69.9	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	67.3	86.7	82.9	86.6	61.9	62.2	62.7	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 3500	64.1	67.7	89.9	91.6	92.9	93.2	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	64.3	89.4	91.1	93.2	94.7	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	65.3	91.1	92.3	95.1	96.7	97.0	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	66.1	91.6	92.7	95.6	97.1	97.5	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	66.1	91.1	94.1	95.8	97.3	97.7	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	66.1	91.8	94.1	95.8	97.5	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	66.1	91.9	94.1	95.9	97.6	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	66.1	91.9	94.1	95.9	97.6	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	66.1	92.1	94.3	96.7	97.7	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	66.1	92.1	94.3	96.2	97.9	98.2	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	66.1	92.4	94.6	96.5	98.1	98.6	99.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	66.1	92.5	94.7	96.6	98.2	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	66.1	92.6	94.8	96.7	98.3	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	66.1	92.6	94.8	96.7	98.3	98.8	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	66.1	92.6	94.8	96.7	98.4	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	66.1	92.6	94.8	96.7	98.4	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	66.1	92.6	94.8	96.7	98.4	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	66.1	92.6	94.8	96.7	98.4	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

USE WITH CAUTION

SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

902

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-67
STATION

PATRICK AFB FL
STATION NAME

71-85
YEAR

CCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	13.3	50.2	60.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3500	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1800	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1500	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1200	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 1000	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 900	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 800	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 700	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 600	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 500	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 400	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 300	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 200	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 100	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 0	13.3	74.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9

TOTAL NUMBER OF OBSERVATIONS 930

ANAL CLIMATOLOGY DATA
STATION
APPLICABLE SERVICE/NAO

CEILING VERSUS VISIBILITY

1967
STATION

WATKINS AFB FL
STATION NAME

71-81
YEARS

OCI
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 7000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4500	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3500	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 3000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 2500	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 2000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1800	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1500	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1200	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 1000	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 900	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 800	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 700	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 600	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 500	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 400	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 300	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 200	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 100	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 0	54.4	55.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1967
STATION

WATKINS AFB FL
STATION NAME

71-80
YEAR

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 12000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 6000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY SEARCH
WORLDWIDE
ATMOSPHERIC SERVICE/RAO

CEILING VERSUS VISIBILITY

1-67

PERICK AFB FL

71-8

OCT

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 18000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 16000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 14000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 12000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 10000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 9000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 8000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 7000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 6000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 4000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 3000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 2000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1800	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 1200	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 800	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC
 AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

1 61 PATRICK AFB FL

71-80

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

71-80-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 10000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1800	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1200	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 900	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 800	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 700	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 600	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 400	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 300	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 200	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 100	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

740

GENERAL CEILING VISIBILITY FREQUENCY
 REPORT
 AIRCRAFT SERVICE/FL

CEILING VERSUS VISIBILITY

STATION 67 PATRICK AFB FL

71-80

201

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	65.6	64.6	63.6	62.6	61.6	60.6	59.6	58.6	57.6	56.6	55.6	54.6	53.6	52.6	51.6	50.6
≥ 20000	73.7	73.7	74.3	74.6	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000	73.5	73.5	74.4	74.7	74.9	74.9	75.1	75.0	75.1	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 16000	73.5	73.5	74.4	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 14000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 12000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 10000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 5000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4500	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 4000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3500	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 3000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2500	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1500	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1200	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1000	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 900	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 800	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 700	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 600	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 500	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 400	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 300	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 200	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 100	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 0	74.2	74.2	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9

USE WITH CAUTION

SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

592

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SIGNAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67 PATRICK AFB FL

71-73,77

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-2400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	67.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	67.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	67.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	67.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	69.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	76.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	76.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	76.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	79.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 6000	81.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	85.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	87.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	89.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	91.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	91.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	92.3	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	92.3	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	92.3	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	92.3	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	93.0	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	93.0	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	93.4	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.4	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 271

CEILING VERSUS VISIBILITY
 GRADE 710
 GRADE 710

CEILING VERSUS VISIBILITY

1 67

STATION NAME

71-73

NGV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-650L

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	57.4	52.2	62.2	63.6	63.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3500	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1800	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1500	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1200	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1000	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 900	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 800	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 700	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 600	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 500	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 400	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 300	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 200	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 100	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 0	59.3	54.4	64.4	65.2	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3

USAF ETAC

FORM 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS

270

CEILING VERSUS VISIBILITY
 USAF ETAC
 AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

1-67 PATRICK AFB FL

71-80

NGV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

6600-3800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	50.1	44.3	50.1	57.1	57.6	58.0	59.2	58.3	58.4	58.6	58.6	58.6	58.6	58.9	59.0	59.0
≥ 20000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 18000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 16000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 14000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 12000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 10000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 9000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 8000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 7000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 6000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 5000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 4500	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 4000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 3500	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 3000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 2500	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 2000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 1800	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 1500	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 1200	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 1000	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 900	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 800	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 700	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 600	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 500	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 400	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 300	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 200	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 100	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2
≥ 0	42.4	44.3	53.1	54.5	63.1	65.5	65.7	66.1	66.2	66.4	66.4	66.4	66.5	67.1	67.2	67.2

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 693

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC
 1-14-5 (OL A)
 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

STATION 1-14-5 PATRICK AFB FL STATION NAME 71-80 YEAR MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1960-1961
 MONTH

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING ≥ 20000	47.1	56.9	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
18000	44.3	56.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
16000	44.3	56.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
14000	45.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
12000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
10000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
9000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
8000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
7000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
6000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
5000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
4500	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
4000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
3500	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
3000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2500	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
2000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
1800	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
1500	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
1200	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
1000	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
900	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
800	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
700	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
600	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
500	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
400	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
300	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
200	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
100	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
0	47.3	57.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

1967 PATRICK AFB FL

71-85

NGV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1260-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005
NO CEILING	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥20000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥18000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥16000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥14000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥12000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥10000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥8000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥6000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥5000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥4500	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥4000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥3500	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥3000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥2500	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥2000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥1800	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥1500	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥1200	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥1000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥900	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥800	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥700	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥600	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥500	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥400	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥300	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥200	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥100	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2

TOTAL NUMBER OF OBSERVATIONS 900

MILITARY CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1 67 PATRICK AFB FL

71-81

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01
NO CEILING	55.0	55.1	53.2	52.2	51.2	53.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 20000	61.9	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	62.9	67.9	63.6	55.1	61.1	68.1	69.1	68.1	68.1	68.1	69.1	68.1	68.1	68.1	68.1	68.1
≥ 16000	62.9	68.4	63.6	62.7	63.7	68.7	63.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	63.7	69.9	71.2	71.3	71.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	63.7	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	71.5	60.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	71.5	60.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000	74.1	54.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	75.0	56.0	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	75.8	56.2	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	77.1	57.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	77.9	59.1	89.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	78.7	59.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	80.1	61.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	81.4	63.4	94.1	94.4	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	81.6	63.9	94.6	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	82.2	65.2	96.4	96.4	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	82.4	65.2	96.6	96.6	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	82.5	65.7	96.4	96.9	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	82.7	65.9	96.7	97.1	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	82.8	66.2	97.1	97.4	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	82.8	66.2	97.1	97.4	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	82.8	66.3	97.1	97.6	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	82.9	66.3	97.2	97.7	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-67 PATRICK AFB FL

71-80

NOV

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	55.4	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 20000	61.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	61.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	61.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	63.6	71.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	67.2	76.5	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	71.5	82.1	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000	71.4	82.4	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 8000	73.9	85.9	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 7000	75.2	87.4	87.4	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 6000	75.5	87.9	88.0	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	76.9	89.6	91.4	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	77.5	91.6	91.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000	78.3	91.9	93.1	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500	79.1	92.7	93.8	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3000	79.8	94.0	95.1	95.7	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	79.9	94.5	95.7	96.3	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	80.1	94.6	95.9	96.7	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	80.1	95.1	96.7	97.0	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	81.2	95.3	96.4	97.2	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	81.2	95.5	96.7	97.4	98.0	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	81.2	95.9	97.1	97.8	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	81.2	95.9	97.1	97.9	98.4	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	81.2	96.1	97.3	98.2	98.8	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	81.2	96.3	97.7	98.2	98.8	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	81.2	96.1	97.4	98.6	99.1	99.2	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	81.2	96.1	97.4	98.6	99.2	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	81.2	96.1	97.4	98.6	99.2	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	81.2	96.1	97.4	98.6	99.2	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	81.2	96.1	97.4	98.6	99.2	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	81.2	96.1	97.4	98.6	99.2	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	81.2	96.1	97.4	98.6	99.2	99.3	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 896

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67
STATION

PATRICK AFB FL

STATION NAME

71-81

YEAR

NOV

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	62.7	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	65.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 18000	65.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 16000	65.7	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	66.3	76.5	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	69.7	80.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000	72.2	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	72.2	84.6	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	75.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000	76.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	76.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000	77.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	77.7	91.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	78.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	78.4	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2500	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 800	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 600	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 200	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 100	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 0	79.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67

KATPICK AFB FL

71-80

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	3.3	61.1	61.7	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.1
≥ 20000	59.1	68.4	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
≥ 18000	59.1	68.4	69.3	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.9	69.9
≥ 16000	59.3	68.6	69.5	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1
≥ 14000	61.1	69.9	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4
≥ 12000	63.5	74.0	75.2	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.7	75.7
≥ 10000	57.0	79.2	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000	57.4	79.2	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	59.0	82.7	84.0	84.4	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 7000	71.2	85.3	86.3	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.5
≥ 6000	71.2	85.3	86.3	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.5
≥ 5000	72.7	86.5	87.2	87.6	88.0	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 4500	73.0	87.6	88.1	88.6	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.4
≥ 4000	74.3	89.4	90.7	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.1	92.1
≥ 3500	75.1	91.3	92.3	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.2
≥ 3000	75.9	91.8	93.2	93.9	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	95.0
≥ 2500	76.1	92.3	93.7	94.5	95.1	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 2000	76.8	93.3	94.7	95.6	96.1	96.3	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.8	96.8
≥ 1800	76.8	93.4	94.8	95.7	96.3	96.4	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	97.0
≥ 1500	76.8	93.5	95.8	96.2	96.8	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.5	97.5
≥ 1200	76.9	94.1	95.7	96.6	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.9	97.9
≥ 1000	77.3	94.4	96.0	96.8	97.4	97.6	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.3	98.3
≥ 900	77.0	94.4	96.0	96.9	97.6	97.7	98.0	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 800	77.0	94.7	96.3	97.3	98.0	98.1	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.9	98.9
≥ 700	77.1	94.7	96.4	97.5	98.1	98.3	98.6	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.1	99.1
≥ 600	77.1	94.8	96.6	97.6	98.3	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.3	99.3
≥ 500	77.1	94.8	96.6	97.6	98.5	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.7
≥ 400	77.1	94.8	96.6	97.7	98.7	98.9	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9
≥ 300	77.1	94.8	96.6	97.7	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0
≥ 200	77.1	94.8	96.6	97.7	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0
≥ 100	77.1	94.8	96.6	97.7	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0
≥ 0	77.1	94.8	96.6	97.7	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.9	100.0	100.0

USE WITH CAUTION TOTAL NUMBER OF OBSERVATIONS 5729
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
WAFB/TAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

17867
STATION

PATRICK AFB FL
STATION NAME

70-74
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ .5	≥ .25	≥ .15	≥ .10	≥ .05	≥ .025	≥ 0
NO CEILING	66.3	71.3	72.1	72.7	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5	74.0
≥ 20000	67.3	73.2	73.5	74.0	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.6
≥ 18000	67.3	73.2	73.5	74.0	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.6
≥ 16000	67.3	73.2	73.5	74.0	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.1	75.6
≥ 14000	67.3	73.7	74.4	74.5	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.6	76.1
≥ 12000	69.7	75.6	75.9	76.4	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.5	78.0
≥ 10000	71.3	76.9	77.2	77.7	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	79.4
≥ 9000	71.3	76.9	77.2	77.7	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	79.4
≥ 8000	73.5	79.4	79.6	80.2	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.8
≥ 7000	73.5	79.4	79.6	80.2	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.8
≥ 6000	75.1	81.2	81.5	82.0	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.6
≥ 5000	77.5	84.5	84.7	85.3	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.9
≥ 4500	77.7	85.1	85.3	85.8	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.9	87.4
≥ 4000	80.4	87.9	88.3	89.0	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.9
≥ 3500	80.4	89.1	89.5	90.1	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	92.0
≥ 3000	81.2	90.3	91.2	91.7	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.6
≥ 2500	82.3	91.2	92.0	92.5	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	94.4
≥ 2000	82.3	91.7	92.5	93.0	93.6	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9	95.4
≥ 1800	82.3	91.7	92.5	93.0	93.6	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.7
≥ 1500	82.3	91.7	92.5	93.0	93.6	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.7
≥ 1200	82.3	91.7	92.5	93.0	93.6	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.7
≥ 1000	82.9	92.2	92.3	93.3	94.4	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7	96.2
≥ 900	82.3	92.5	93.5	94.1	94.6	95.2	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.8
≥ 800	83.1	92.8	93.8	94.4	94.9	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5	97.1
≥ 700	83.1	93.3	94.4	94.9	95.4	96.0	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.6
≥ 600	83.1	93.6	94.6	95.2	95.7	96.2	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.9
≥ 500	83.6	94.1	95.2	96.0	96.5	97.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.7
≥ 400	83.6	94.1	95.2	96.0	96.5	97.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.7
≥ 300	83.6	94.1	95.7	96.5	97.1	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	99.2
≥ 200	83.6	94.1	95.7	96.5	97.1	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	99.5
≥ 100	83.3	94.1	95.7	96.5	97.1	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	100.0
≥ 0	83.3	94.1	95.7	96.5	97.1	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 373

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 67 STATION PATRICK AFB FL

70-73

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥20000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥18000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥16000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥14000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥12000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥10000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥9000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥8000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥7000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥6000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥5000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥4500	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥4000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥3500	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥3000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥2500	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥2000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥1800	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥1500	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥1200	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥1000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥900	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥800	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥700	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥600	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥500	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥400	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥300	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥200	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥100	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7

USE WITH CAUTION TOTAL NUMBER OF OBSERVATIONS 372
SEE FIRST PAGE

WORLD CLIMATOLOGY SERVICE
 METEOROLOGICAL
 AIRCRAFT SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION 67 PATRICK AFB FL STATION NAME 70-70 YEAR DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

600-800
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	41.7	55.4	56.1	57.7	57.9	57.9	58.1	58.2	58.2	58.3	58.3	58.3	58.7	58.7	59.4	60.1
≥ 20000	42.5	55.3	55.1	60.0	61.3	61.3	61.4	61.6	61.6	61.7	61.7	61.7	62.2	62.2	62.9	63.6
≥ 18000	42.5	55.3	55.1	61.8	61.3	61.3	61.4	61.6	61.6	61.7	61.7	61.7	62.2	62.2	62.9	63.6
≥ 16000	42.5	55.3	55.1	61.8	61.3	61.3	61.4	61.6	61.6	61.7	61.7	61.7	62.2	62.2	62.9	63.6
≥ 14000	42.5	55.3	55.4	61.2	61.7	61.7	61.8	62.0	62.0	62.1	62.1	62.1	62.6	62.6	63.3	64.0
≥ 12000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 10000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 9000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 8000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 7000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 6000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 5000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 4500	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 4000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 3500	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 3000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 2500	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 2000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 1800	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 1500	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 1200	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 1000	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 900	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 800	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 700	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 600	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 500	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 400	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 300	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 200	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 100	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7
≥ 0	43.4	60.1	60.4	62.6	63.4	63.4	63.6	63.7	63.7	63.8	63.8	63.8	64.4	64.4	65.1	65.7

USE WITH CAUTION
 SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 749

JOINT CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 667
STATION

WATKINS AFB FL

STATION NAME

70-79

YEAR

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.15	≥.1	≥0
NO CEILING	47.2	54.4	55.0	55.0	55.7	55.7	55.2	55.8	55.3	55.9	56.1	56.1	56.1	56.2	56.3	
≥ 20000	51.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.7	61.4	61.6	61.6	61.6	61.7	61.8	
≥ 18000	51.1	61.1	61.1	61.1	61.2	61.2	61.4	61.4	61.4	61.5	61.7	61.7	61.7	61.7	61.8	
≥ 16000	51.1	61.1	61.1	61.1	61.2	61.2	61.4	61.4	61.4	61.5	61.7	61.7	61.7	61.7	61.8	
≥ 14000	51.1	61.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 12000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 10000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 9000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 8000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 7000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 6000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 5000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 4500	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 4000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 3500	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 3000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 2500	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 2000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 1800	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 1500	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 1200	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 1000	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 900	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 800	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 700	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 600	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 500	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 400	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 300	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 200	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 100	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	
≥ 0	51.1	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.8	61.9	

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

1 367

HATNICK AFB FL

70-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1240-1400
 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.7	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	51.4	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000	56.9	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 16000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 12000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 10000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 9000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 8000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 7000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 6000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 5000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 4500	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 4000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 3500	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 3000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 2500	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 2000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 1800	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 1500	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 1200	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 1000	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 900	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 800	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 700	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 600	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 500	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 400	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 300	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 200	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 100	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 0	67.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL OBSERVATION STATION
 CHAFLAC
 AIRCRAFT SERVICE/NAAC

CEILING VERSUS VISIBILITY

1-66 STATION NAME PATRICK AFB FL

73-79

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1590-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.5	53.9	59.1	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 18000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 14000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 10000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 5000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 4500	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 4000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3500	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 3000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2500	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1800	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1500	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1200	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 900	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 800	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 700	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 600	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 500	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 400	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 300	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 200	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 100	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY
 USAF ETAC
 0-14-5 (OL A)

CEILING VERSUS VISIBILITY

1967 STATION NAME

70-70

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1504-2400
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ .05	≥ .01
NO CEILING	67.0	64.1	64.0	64.0	61.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	67.0	67.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.0	67.8	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	67.0	67.5	67.7	67.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1800	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 900	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 800	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 700	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 600	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 400	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 300	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 200	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 100	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 67
STATION

PATRICK AFB FL

STATION NAME

70-79

YEAR

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2306

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0
NO CEILING	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 20000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 16000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 12000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 10000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 3000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1800	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1200	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 900	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 800	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 700	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 600	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 500	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 400	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 300	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 200	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 100	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0

TOTAL NUMBER OF OBSERVATIONS 930

OFFICIAL CLIMATOLOGY REPORT
 MONTHLY
 AND DATA SERVICE/NAO

CEILING VERSUS VISIBILITY

1967
 STATION

PATRICK AFB FL
 STATION NAME

70-70
 YEAR

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	63.4	61.7	61.1	61.4	61.6	61.6	61.7	61.7	61.7	61.3	61.0	61.6	61.9	61.9	62.7	62.1
≥ 20000	66.7	65.1	64.1	63.9	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.6	66.7
≥ 18000	66.3	65.2	64.1	63.0	66.2	66.2	66.3	66.4	66.4	66.4	66.5	66.5	66.6	66.6	66.7	66.8
≥ 16000	67.0	65.5	65.7	66.2	66.5	66.5	66.6	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	67.1
≥ 14000	67.3	65.2	64.2	63.6	66.8	66.8	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.3	67.4
≥ 12000	68.7	67.7	63.3	63.7	69.0	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.5	69.6
≥ 10000	73.0	73.0	74.1	74.5	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.5
≥ 9000	73.4	74.1	74.7	75.2	75.5	75.5	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.2
≥ 8000	75.9	75.9	77.0	77.9	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.9
≥ 7000	76.8	78.2	77.0	79.4	79.7	79.7	79.9	79.9	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.4
≥ 6000	77.2	79.3	78.0	80.5	81.9	81.9	81.1	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.5	81.6
≥ 5000	82.9	81.8	82.0	83.1	83.5	83.6	83.8	83.8	83.8	83.9	84.0	84.0	84.1	84.1	84.2	84.3
≥ 4500	89.4	88.2	87.0	84.2	84.6	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.5
≥ 4000	71.1	69.2	67.1	66.6	67.3	67.4	67.7	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.1	68.3
≥ 3500	72.1	66.8	67.7	80.5	80.0	80.2	80.5	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.9	81.1
≥ 3000	73.2	66.6	69.6	91.5	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.9	92.0	92.0	92.2
≥ 2500	73.7	89.7	91.7	91.7	91.3	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.3	93.4
≥ 2000	74.3	91.7	91.9	92.9	93.6	93.8	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.8	94.9
≥ 1800	74.2	90.7	91.0	93.0	93.7	93.9	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.9	95.0
≥ 1500	74.3	91.5	92.1	93.3	94.1	94.3	94.7	94.8	94.8	95.0	95.1	95.1	95.1	95.2	95.3	95.5
≥ 1200	74.5	91.4	92.7	93.9	94.6	94.9	95.4	95.5	95.5	95.5	95.5	95.8	95.8	95.9	96.0	96.2
≥ 1000	74.5	91.6	92.0	94.1	94.9	95.0	95.7	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.5
≥ 900	74.7	91.9	93.0	94.4	95.3	95.6	96.1	96.3	96.3	96.5	96.6	96.6	96.6	96.7	96.8	97.0
≥ 800	74.8	92.2	93.5	94.8	95.7	96.0	96.5	96.7	96.7	96.9	97.0	97.0	97.0	97.1	97.2	97.4
≥ 700	74.9	92.5	93.7	95.1	96.0	96.4	96.9	97.1	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.7
≥ 600	75.0	92.6	94.0	95.4	96.3	96.7	97.3	97.5	97.5	97.7	97.8	97.8	97.8	97.9	98.0	98.2
≥ 500	75.0	92.7	94.2	95.7	96.7	97.1	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.4	98.4	98.6
≥ 400	75.7	92.8	94.2	95.8	96.9	97.4	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.9	99.1
≥ 300	75.0	92.8	94.3	95.8	97.0	97.5	98.2	98.5	98.5	98.8	98.8	98.8	98.9	99.0	99.1	99.4
≥ 200	75.0	92.8	94.3	95.8	97.0	97.5	98.2	98.5	98.6	98.8	98.8	98.8	98.9	99.0	99.2	99.6
≥ 100	75.0	92.8	94.3	95.8	97.0	97.5	98.2	98.5	98.6	98.9	98.9	98.9	99.0	99.2	99.3	99.9
≥ 0	75.0	92.8	94.3	95.8	97.0	97.5	98.2	98.5	98.6	98.9	98.9	98.9	99.0	99.2	99.3	100.0

USE WITH CAUTION TOTAL NUMBER OF OBSERVATIONS 6139
 SEE FIRST PAGE

U.S. AIR FORCE
USAF ETAC
AIR WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

1 667 PATRICK AFB FL

73-80

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	63.1	63.1	63.7	64.1	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7
≥ 20000	61.1	73.2	73.1	74.4	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.2
≥ 18000	62.1	73.4	74.1	74.6	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4
≥ 16000	62.1	73.6	74.2	74.8	75.1	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
≥ 14000	62.7	74.3	75.1	75.6	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3
≥ 12000	64.6	76.8	77.5	78.1	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
≥ 10000	68.4	82.1	82.0	83.4	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
≥ 9000	65.3	82.6	83.5	84.1	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.0
≥ 8000	71.4	84.8	85.4	86.4	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 7000	70.9	85.6	86.5	87.3	87.7	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 6000	71.4	86.4	87.4	88.0	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 5000	72.3	87.8	88.4	89.5	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5
≥ 4500	72.7	88.5	89.5	90.3	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 4000	73.4	89.2	90.2	91.0	91.2	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 3500	74.1	90.7	91.9	92.7	93.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
≥ 3000	74.3	92.2	93.4	94.3	95.0	95.2	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 2500	75.1	92.9	94.2	95.1	95.8	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5
≥ 2000	75.5	93.6	95.1	96.1	96.7	96.9	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1800	75.5	93.7	95.1	96.1	96.9	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.6
≥ 1500	75.7	94.0	95.4	96.4	97.2	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 1200	75.8	94.2	95.7	96.7	97.5	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 1000	75.9	94.4	95.8	96.9	97.8	98.0	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 900	75.9	94.5	95.9	97.0	97.9	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 800	75.9	94.6	96.1	97.1	98.1	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1
≥ 700	75.9	94.7	96.1	97.3	98.2	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2
≥ 600	75.9	94.7	96.1	97.4	98.3	98.5	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.4
≥ 500	75.9	94.8	96.7	97.4	98.5	98.7	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.6
≥ 400	75.9	94.8	96.8	97.5	98.5	98.8	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.7	99.7
≥ 300	75.9	94.8	96.8	97.5	98.6	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8
≥ 200	75.9	94.8	96.8	97.5	98.6	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.9
≥ 100	75.9	94.8	96.8	97.5	98.6	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.9	100.0
≥ 0	75.9	94.8	96.8	97.5	98.6	98.8	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.9	100.0

USE WITH CAUTION
SEE FIRST PAGE

TOTAL NUMBER OF OBSERVATIONS 70761

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

71-80

JAN

STATION

STATION NAME

PERIOD

CONTINUED

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	0-02	37.2			27.2						15.4	20.2	4.2	371
	3-05	34.4			24.5						14.7	22.3	4.3	367
	6-08	17.8			32.9						24.2	25.1	5.7	736
	9-11	14.6			32.6						25.6	27.1	6.0	929
	12-14	7.2			36.6						27.2	29.0	6.4	930
	15-17	7.2			34.3						29.5	29.0	6.6	930
	18-20	11.8			36.8						24.8	26.6	6.0	930
	21-23	24.1			31.3						20.1	21.5	4.9	926
TOTALS		20.3			31.9						22.7	25.1	5.5	6119

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

FEB
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	1-12	37.6			22.4						20.3	19.7	4.5	340
	13-25	37.4			21.2						15.6	25.9	4.6	340
	26-MAR	12.6			3 .9						19.6	29.9	5.7	683
	1-11	13.6			30.5						23.0	27.9	5.8	845
	12-14	14.6			31.8						27.7	25.9	6.0	849
	15-17	12.6			34.2						25.2	28.0	6.1	849
	18-20	17.2			34.2						20.4	28.3	5.7	849
	21-23	33.0			25.4						17.7	23.1	4.7	843
TOTALS		23.9			28.8						21.2	26.1	5.4	5598

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAR

MON: H

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	L-02	42.5			29.0						13.7	14.8	3.6	372
	3-05	43.1			27.0						12.9	17.0	3.7	371
	6-08	18.7			35.2						25.6	20.5	5.4	776
	9-11	16.7			37.8						23.9	21.6	5.4	930
	12-14	19.0			41.2						25.1	23.8	5.9	930
	15-17	16.8			47.3						25.7	23.2	5.8	930
	18-20	16.8			39.1						22.8	21.3	5.4	930
	21-23	32.6			35.3						17.7	14.5	4.1	899
TOTALS		23.9			35.6						20.9	19.6	4.9	6138

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	5-02	43.4			22.9						13.3	18.4	3.7	315
	03-05	47.2			20.6						14.8	17.3	3.7	318
	06-08	23.3			36.5						22.4	17.6	4.9	768
	09-11	15.7			44.4						23.8	16.1	5.1	900
	12-14	11.6			46.9						24.0	17.6	5.3	900
	15-17	13.6			41.3						25.9	19.2	5.5	899
	18-20	19.1			33.2						24.8	17.9	5.2	900
	21-23	35.2			33.3						16.2	14.3	3.9	834
TOTALS		25.5			35.5						20.7	17.3	4.7	5834

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
JUL 64

SKY COVER

MAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	5-57	33.0			30.5						20.6	13.0	4.1	277
	5-05	39.3			29.3						19.6	14.7	4.0	285
	6-08	10.3			38.2						27.0	22.6	5.8	922
	9-11	9.7			42.0						26.7	19.6	5.8	922
	10-14	7.4			36.3						28.4	25.9	6.3	927
	12-17	6.5			36.0						30.7	26.8	6.5	925
	16-20	7.4			34.0						31.1	27.5	6.6	923
	21-23	24.9			34.6						25.0	19.6	5.3	708
TOTALS		17.2			35.2						26.4	21.2	5.6	5889

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

71-86

JUN 1991

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL.	6-02	24.1			32.6						26.3	17.6	5.7	270
	6-05	21.5			34.3						25.2	15.0	4.9	274
	6-08	9.4			47.7						27.9	22.1	5.9	897
	6-11	3.1			43.1						32.7	19.1	6.2	900
	6-14	.9			44.9						33.3	20.9	6.4	900
	6-17	2.0			32.4						36.4	29.1	7.2	900
	6-20	3.2			23.6						33.0	40.2	7.7	900
	6-23	10.9			31.2						29.1	29.7	6.5	690
TOTALS		7.3			30.1						30.5	24.1	6.2	5731

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
JUL 64

SKY COVER

71-80

JUL

STATION

STATION NAME

PERIOD

 Mg^{2+}

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	1-12	21.0			47.3						22.9	7.9	4.3	279
	13-15	27.1			44.9						21.8	2.1	3.6	284
	16-18	4.7			45.1						35.5	14.7	6.0	930
	19-21	2.5			43.2						36.1	18.2	6.4	933
	22-24	.0			35.1						41.2	19.6	6.8	929
	25-27	.0			33.9						40.0	25.3	7.1	930
	28-30	1.5			30.2						36.1	32.2	7.4	930
	31-23	1 .0			41.0						26.9	21.3	5.8	715
TOTALS		0.3			41.0						32.6	17.7	5.9	5927

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

AUG
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
5-25	6-12	24.7			33.5						23.7	13.6	4.6	279
	3-55	31.1			37.1						20.3	12.6	4.2	286
	6-10	3.3			52.5						33.2	11.0	5.7	930
	9-11	2.3			52.6						30.1	15.1	5.8	930
	12-14	.0			47.7						34.2	17.2	6.2	930
	15-17	.8			41.0						35.3	22.9	6.7	930
	18-20	1.5			36.9						31.5	30.3	7.0	930
	21-23	7.4			49.2						22.1	21.3	5.6	714
TOTALS		2.9			44.4						28.8	18.0	5.7	5929

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

71-80

SEP

STATION

STATION NAME

PERIOD

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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USE WITH CAUTION
SEE FIRST PAGE

0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

71-93

OCT

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	5-02	3.3			34.1						22.9	11.5	4.3	279
	5-05	34.5			34.7						15.6	12.9	3.8	278
	5-08	5.9			44.5						31.1	15.4	5.7	896
	-11	7.9			46.3						27.3	18.6	5.7	927
	12-14	5.1			45.9						30.5	20.4	6.2	930
	15-17	4.2			44.9						30.2	24.7	6.4	929
	1-23	10.6			41.7						25.2	19.8	5.8	928
	1-23	2.3			42.3						22.8	14.6	4.8	740
TOTALS		17.3			41.7						26.1	17.2	5.3	5907

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

71-81

NOV

STATION

STATION NAME

PERIOD

Abstract

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	5-10	21.7			37.4						20.7	14.8	4.5	271
	5-15	23.9			25.9						18.3	25.0	5.0	268
	5-20	15.5			47.0						26.7	22.8	5.9	688
	5-25	.0			38.1						29.4	22.7	6.1	930
	5-30	4.0			47.9						27.1	25.1	6.2	899
	5-35	5.2			30.0						31.8	26.0	6.5	900
	5-40	12.5			37.5						28.0	22.0	5.8	898
	5-45	21.1			41.6						23.3	17.1	4.8	897
TOTALS		11.1			37.8						25.3	21.9	5.6	5721

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC
MON[illegible]

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

17667 PATRICK AFB FL

77-80

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.3			31.9						22.7	25.1	5.5	6119
FEB		24.9			27.8						21.2	26.1	5.4	5598
MAR		21.3			37.6						20.9	19.6	4.9	6138
APR		28.5			34.5						20.7	17.3	4.7	5834
MAY		17.2			37.2						26.4	21.2	5.6	5889
JUN		4.5			34.1						30.5	24.1	6.2	5731
JUL		4.8			41.7						32.6	17.7	5.9	5927
AUG		7.9			44.4						28.8	18.0	5.7	5929
SEP		7.1			44.3						29.8	17.9	5.8	5716
OCT		14.			41.7						26.1	17.2	5.3	5977
NOV		14.			37.8						25.3	21.9	5.6	5721
DEC		21.1			37.3						22.2	23.5	5.3	6128
TOTALS		15.5			37.1						25.6	20.8	5.5	70637

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for mean and standard deviation do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and comparisons of dry-bulb versus wet-bulb temperature.
This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
1867 PATRICK AFB FL
STATION STATION NAME

DAILY TEMPERATURES

50-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
60					.2	3.3	7.5	14.6	20.2	2.3	.1		4.1
65			.1	1.8	20.1	55.5	78.3	86.2	79.6	35.5	3.9	.5	30.4
70	1.3	2.2	6.7	34.2	77.7	98.1	99.6	99.8	99.7	75.1	25.5	7.4	52.8
75	18.1	17.6	36.6	71.1	95.9	100.0	100.0	100.0	100.0	90.3	56.4	27.4	68.2
80	25.2	35.7	66.3	89.9	99.8					96.7	74.3	48.3	79.9
85	33.2	53.7	82.9	97.6	100.0					99.4	87.3	62.9	87.8
90	75.5	79.1	93.2	99.9						100.0	94.5	81.1	93.7
95	88.4	91.3	98.2	100.0							97.7	92.9	97.4
100	95.6	97.1	99.3								99.5	97.6	99.1
105	98.4	99.2	99.9								99.9	99.4	99.7
110	99.3	99.7									100.0	99.7	99.9
115	99.9	100.0										99.8	100.0
120	100.0		100.0									100.0	100.0
125													
130													
135													
140													
145													
150													
155													
160													
165													
170													
175													
180													
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215													
220													
225													
230													
235													
240													
245													
250													
255													
260													
265													
270													
275													
280													
285													
290													
295													
300													
MEAN	75.3	57.2	61.2	66.7	71.6	74.9	76.2	76.9	76.9	72.0	64.0	57.8	67.5
S D	8.768	8.667	6.973	5.178	3.470	2.598	2.352	2.457	2.807	5.202	7.755	8.872	9.858
TOTAL OBS.	937	875	961	930	961	937	961	961	930	961	929	930	11266

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
1-67 PATRICK AFB FL
STATION STATION NAME

DAILY TEMPERATURES

54-80

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
55				.1	.3	3.3	7.2	11.0	7.5	2.2			2.5
54			.7	4.5	18.4	62.6	86.7	92.7	84.2	27.4	1.7	.3	31.9
53	2.7	2.9	12.6	37.4	85.0	99.5	99.6	99.8	99.6	76.5	24.0	5.7	54.3
52	2.0	3.9	45.1	78.9	98.9	100.0	100.0	100.0	100.0	93.5	62.5	30.2	71.4
51	49.4	48.9	74.3	95.1	100.0					98.3	81.7	54.0	83.6
50	63.1	71.9	88.3	99.4						99.9	92.5	73.8	91.3
49	84.8	87.5	96.6	99.9						100.0	96.6	89.4	96.3
48	93.4	95.3	99.4	100.0							99.1	96.5	98.7
47	98.0	98.7	99.9								100.0	98.9	99.6
46	99.4	100.0										99.8	99.9
45	100.0		100.0									100.0	100.0
44													
43													
42													
41													
40													
39													
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37													
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7													
6													
5													
4													
3													
2													
1													
0													
MEAN	62.0	63.2	67.8	72.7	77.1	80.3	81.7	82.2	81.6	76.6	69.9	64.4	73.4
S.D.	7.839	7.266	6.377	4.439	2.789	2.391	1.996	1.943	2.174	4.190	6.410	7.537	8.827
TOTAL OBS	637	875	961	930	961	930	961	961	930	961	929	930	11266

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR FATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12367 PATRICK AFB FL 50-80
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR														
50	*	79	81	89	86	89	98	95	92	94	88	83	79	98
51		76	80	84	37	93	94	90	93	90	91	87	84	94
52		80	84	88	37	89	96	92	93	91	86	83	75	96
53		80	82	37	38	91	95	93	93	88	84	84	80	95
54		84	82	90	39	89	92	92	95	94	87	81	78	95
55		80	84	89	90	88	95	89	97	92	88	84	79	97
56		33	36	89	93	94	93	95	97	90	88	82	84	97
57		32	35	36	89	88	95	96	94	90	86	87	81	96
58		76	33	35	89	86	97	89	93	93	89	84	78	97
59		30	34	36	88	88	91	91	90	93	90	83	82	93
60		83	83	34	86	85	88	90	91	91	87	81	80	91
61		31	85	89	90	90	90	92	90	91	86	83	86	92
62		32	85	86	81	94	89	94	92	90	89	84	79	94
63		84	78	83	88	88	91	92	94	90	66	78	80	94
64		32	79	36	91	86	91	93	92	89	90	83	81	93
65		85	85	90	90	88	91	91	92	88	91	82	81	92
66		30	78	79	80	88	91	93	93	90	87	80	76	93
67		85	82	36	90	92	92	93	89	89	86	86	85	93
68		93	74	88	96	93	92	91	91	95	89	85	79	96
69		76	80	82	37	85	90	95	92	90	85	80	81	95
70		79	76	88	89	88	94	90	90	88	86	85	83	94
71		83	86	89	95	94	94	91	90	88	85	84	84	95
72		86	80	37	92	93	92	88	90	91	85	84	84	93
73		83	82	82	86	93	91	91	88	92	86	85	82	93
74		83	86	90	86	89	92	92	89	93	89	85	79	93
75		34*	34	90	90	91	92	92	91	91	90	84	82	92
76		32	88	88	88	89	86	94	94	91	89	85	78	94
77		79	85	90	87	87	92	90	93	91	88*	84	85	93
78		31	78	86	86	90	89	92	92	90	88	86	86	92
79		79	76	34	92	86	93	91	89	90	89	85	79	93
MEAN														
S. D.														
TOTAL OBS														

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USE WITH CAUTION
SEE FIRST PAGE

USE WITH CAUTION
SEE FIRST PAGE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1967 PATRICK AFB FL

50-80

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
YEAR													
50	31	49	50	48	64	68	67	71	70	70	33	32	32
51	34	36	40	51	64	70	72	75	72	63	42	40	36
52	43	47	49	52	63	72	74	73	70	55	47	38	29
53	41	47	53	58	67	72	73	73	73	54	50	42	41
54	41	46	42	62	68	68	72	75	72	50	46	37	37
55	35	36	44	57	63	67	72	68	72	57	44	41	36
56	34	46	47	53	70	69	71	72	66	63	39	44	34
57	4	34	40	60	67	71	71	70	73	52	21	29	23
58	33	32	48	57	61	71	71	73	73	60	58	43	32
59	33	56	45	52	63	70	71	72	70	61	40	43	33
60	35	40	39	55	57	69	72	73	73	65	56	36	35
61	37	46	46	56	59	69	70	72	73	52	55	38	37
62	39	49	35	53	65	70	71	73	71	63	46	27	27
63	44	40	50	56	62	70	70	73	71	59	44	36	36
64	20	43	51	53	66	74	71	72	70	55	50	44	29
65	23	40	45	58	63	70	72	73	72	61	53	48	33
66	2	36	44	55	69	71	73	71	73	58	44	38	30
67	43	34	56	61	63	70	74	69	70	63	57	47	34
68	41	40	36	63	66	71	73	72	73	57	42	33	33
69	40	43	43	62	65	72	73	73	69	69	40	46	40
70	31	33	45	61	65	69	71	73	74	67	36	40	31
71	33	39	43	50	60	70	73	73	71	66	54	56	33
72	47	41	58	59	66	71	72	71	74	67	52	40	47
73	33	37	53	54	60	70	74	70	73	53	55	36	36
74	51	38	55	58	67	72	73	73	76	66	56	43	38
75	43*	52	49	52	70	73	74	75	74	69	47	38	38
76	37	46	50	62	69	71	73	74	70	58	50	43	37
77	30	40	53	56	64	71	75	75	71	55*	53	42	30
78	34	38	46	57	67	73	74	75	74	69	56	56	34
79	37	34	53	68	66	76	74	74	74	67	45	49	34
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USE WITH CAUTION
SEE FIRST PAGE

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

(FROM DAILY OBSERVATIONS)

1.67 PATRICK AFB FL
STATION STATION NAME

50-20

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USE WITH CAUTION
SEE FIRST PAGE

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 HRS)

AD-A102 396

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATRICK AFB, COCOA BEACH, FLORIDA. REVISED UNIFORM SUMMARY OF S--ETC(U)
APR 81

UNCLASSIFIED

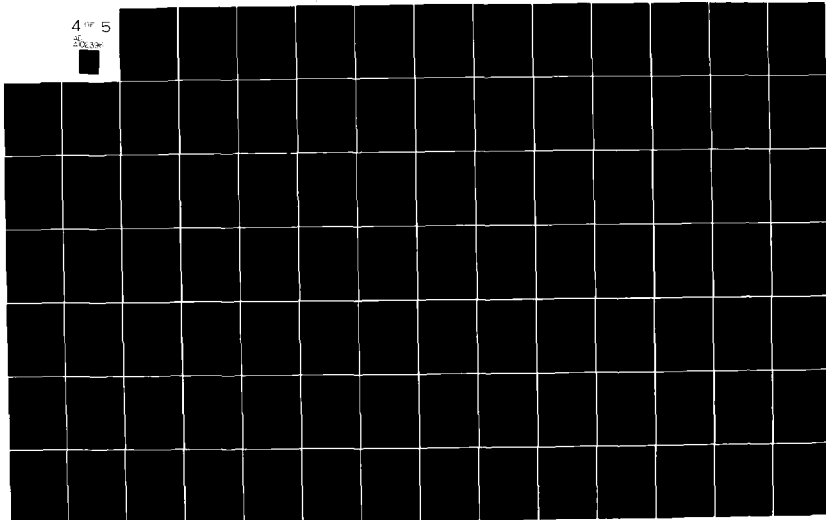
USAFETAC/DS-81/050

SBIE-AD-E850 083

NL

4 1/2 5

20.33



PSYCHROMETRIC SUMMARY

1.67 PATRICK AFB FL
STATION STATION NAME

71-75

YEARS

JAN
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

OFFICIAL CLIMATE DATA
 USAFETAC
 AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

1 067 PATRICK AFB FL 71-74 YEARS JAN MONTH

PAGE 1 0310-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL	Dry Bulb	Wet Bulb	Dew Point	
71/71																		1	1			1				
74/73																		4	4			4				
77/71	1.0	3.2	4.2															42	42	13	7	42				
77/69	1.1	3.3	3.2															66	66	46	32	66				
77/67	1.1	1.5	1.8	1.1														72	72	44	61	72				
77/65	0.8	7.0																49	49	55	78	49				
77/63	1.4	2.2	.5	.8														20	20	44	44	20				
77/61	1.1	2.2	1.1															19	19	14	21	19				
77/59	1.1	3.5	1.5	1.1														23	23	24	22	23				
77/57		1.5																21	21	9	12	21				
77/55	1.1	.8	.3															7	7	16	12	7				
77/53		1.1																7	7	14	17	7				
77/51		.7	1.3	.5														8	8	5	6	8				
77/49	1.9	1.1																11	11	9	8	11				
77/47		1.1	.8															6	6	13	9	6				
77/45	.3		.3															2	2	4	12	2				
77/43	.3																	2	2	7	3	2				
77/41	.5		1.1															6	6	1	5	6				
77/39		.7																1	1	3	6	1				
77/37		.5																2	2	2	5	2				
77/35																		3	3	6		3				
77/33																					3					
77/31																										
77/29																										
77/27																										
77/25																										
77/23																										
77/21																										
77/19																										
77/17																										
77/15																										
TOTAL	21.5	46.2	22.2	3.3	3.5	.3												372		372	372	372				
USE WITH CAUTION SEE FIRST PAGE																										
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	255.41		32.71		88.4		11.311		372		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total			
Dry Bulb	1836520		23742		63.8		7.915		372						46.2		1.2						93			
Wet Bulb	1449601		22993		61.8		8.660		372						.7		35.7						93			
Dew Point	1387631		22399		60.2		10.244		372						3.0		25.0						93			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY WATCH
USAFETAC
AIR WEATHER SERVICE ZNAC

PSYCHROMETRIC SUMMARY

1-67 STATION NAME 71-5 YEARS MONTH JAN

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
70/70																	2	2		
71/71		.1	.4	.7													9	9		
72/72	.7	.9	1.2	1.5	.1												46	46	9	6
73/73	1.4	1.7	2.0	2.3	.5	.1											82	82	57	32
74/74	2.1	2.4	2.7	3.0	1.1	.7											88	88	76	62
75/75	2.8	3.1	3.4	3.7	1.8	1.4	.1										106	106	92	88
76/76	3.5	3.8	4.1	4.4	2.5	2.1	.7										54	54	80	79
77/77	4.2	4.5	4.8	5.1	3.2	2.8	1.4										47	47	58	54
78/78	4.9	5.2	5.5	5.8	3.9	3.5	2.1										55	55	59	51
79/79	5.6	5.9	6.2	6.5	4.6	4.2	2.8										30	30	42	47
80/80	6.3	6.6	6.9	7.2	5.3	4.9	3.5										27	27	31	44
81/81	7.0	7.3	7.6	7.9	6.0	5.6	4.2										34	34	32	35
82/82	7.7	8.0	8.3	8.6	6.7	6.3	4.9										28	28	20	28
83/83	8.4	8.7	9.0	9.3	7.4	7.0	5.6										32	32	30	25
84/84	9.1	9.4	9.7	10.0	8.1	7.7	6.3										26	26	39	21
85/85	9.8	10.1	10.4	10.7	8.8	8.4	7.0										11	11	17	31
86/86	10.5	10.8	11.1	11.4	9.5	9.1	7.7										14	14	23	22
87/87	11.2	11.5	11.8	12.1	10.2	9.8	8.4										21	21	9	12
88/88	11.9	12.2	12.5	12.8	10.9	10.5	9.1										12	12	13	14
89/89	12.6	12.9	13.2	13.5	11.6	11.2	9.8										9	9	12	16
90/90	13.3	13.6	13.9	14.2	12.3	11.9	10.5										4	4	21	8
91/91	14.0	14.3	14.6	14.9	13.0	12.6	11.2										4	4	5	6
92/92	14.7	15.0	15.3	15.6	13.7	13.3	11.9										3	3	9	14
93/93	15.4	15.7	16.0	16.3	14.4	14.0	12.6										1	1	5	15
94/94	16.1	16.4	16.7	17.0	15.1	14.7	13.3												4	2
95/95	16.8	17.1	17.4	17.7	15.8	15.4	14.0												2	4
96/96	17.5	17.8	18.1	18.4	16.5	16.1	14.7													3
97/97	18.2	18.5	18.8	19.1	17.2	16.8	15.4													7
98/98	18.9	19.2	19.5	19.8	17.9	17.5	16.1													6
99/99	19.6	19.9	20.2	20.5	18.6	18.2	16.8													6
100/100	20.3	20.6	20.9	21.2	19.3	18.9	17.5													4
101/101	21.0	21.3	21.6	21.9	20.0	19.6	18.2													1
TOTAL	17.2	33.6	31.1	14.6	4.1	.5											745	745	745	745
USE WITH CAUTION SEE FIRST PAGE																				
Element (X)	Σ x'	Σ x	Σ	Σ ²	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	5256949	61797	82.0	13.267	745	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							Total		
Dry Bulb	2766326	44330	60.2	9.581	745		.5	28.3	1.4									93		
Wet Bulb	253671	42763	57.4	10.511	745		2.5	17.7										93		
Dew Point	2354236	40030	54.0	12.728	745		7.7	12.5										93		

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY MATCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 67 PATRICK AFB FL

71-80

YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL	Dry Bulb	Wet Bulb	Dew Point	
71/71																		3	3			3				
70/70																		10	10			10				
70/77																		19	19			19				
70/75																		63	63			63				
74/73	.1	1.4	2.6	3.3	.6	.6												82	82	24	4	82				
74/71	.2	2.3	3.2	2.7	.6	.4												116	116	56	30	116				
71/69	1.7	2.5	3.7	2.9	1.5	.3	.1											118	118	119	63	118				
71/67	.3	1.7	3.1	1.2	.4	.2	.2											72	72	109	94	72				
67/65	.4	2.5	1.7	2.9	.6	.2												71	71	64	104	71				
67/63	.5	.9	1.1	1.2	.4	.2	.2											43	43	92	65	43				
67/61		1.1	1.4	.5	.6	.7												35	35	52	67	35				
67/59		1.4	1.3	1.4	.2	.2	.7											43	43	48	53	43				
67/57		.4	2.2	.5	.4	.3	.1											38	38	43	58	38				
67/55		.6	1.2	1.4	.1	.1	.2	.1										39	39	33	36	39				
67/53		.4	1.1	1.4	.4	.3	.1											36	36	38	32	36				
67/51		.1	1.1	1.1	.4	.2	.1											29	29	28	34	29				
67/49		.1	.4	1.2	.4	.2	.1											28	28	36	35	28				
67/47		.2	.4	.3	.5	.1	.1											17	17	31	28	17				
67/45		.1	.5	1.0	.6	.4												25	25	26	18	25				
67/43			.3	.2	.2	.2												17	17	19	25	17				
67/41			.1	.5	.3													9	9	14	19	9				
67/39			.2	.2	.4													7	7	28	21	7				
75/37				.7	.1													4	4	13	16	4				
75/35				.1														1	1	14	13	1				
30/33				.3														3	3	12	15	3				
20/31				.3														2	2	4	17	2				
71/27																					1	10				
70/27																					2	10				
70/25																					2	12				
67/23																						3				
62/21																									8	
67/19																									10	
60/17																									3	
60/15																									5	
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 64

PSYCHROMETRIC SUMMARY

YEARS

JAN
MONTH

PAGE 7 0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1167	PATRICK AFB FL
STATION	STATION NAME

71-85

YEARS

JAN.
MONTH

PAGE 1 12FO-1460

1200-1400
HOURS (1-5 P.M.)

[illegible]

REVISED AND PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1167	PATRICK AFB FL
STATION	STATION NAME

71-3

YEARS

JAN
MONTH

PAGE 1 1960-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
67							.1	.1										2	2													
68							.4	.2	.1									7	7													
69						.8	1.5	.4										31	31													
70			.1	.3	.2	.5	.1	.3										39	39													
71			.3	1.3	1.2	.4	.2	.1	.1	.2								103	103	1												
72		.8	2.3	4.4	1.7	.9	.5		.1									116	116	33	5											
73		1.7	7.7	5.4	2.1	.5	.1											105	105	85	31											
74		1.3	3.4	2.4	2.4	1.2	.4	.1	.1									109	109	123	55											
75		.5	4.1	2.4	3.7	.3	.1	.3	.2									69	69	110	94											
76		.9	1.5	1.9	.9	1.4	.2	.3										53	53	108	100											
77		.4	.5	1.1	1.6	1.1	.4	.2	.3	.5	.1							53	53	71	95											
78		.4	.6	.6	1.2	.6	.4	.2	.5	.5								34	34	62	74											
79		.1	.4	.3	1.3	.7	.3	.4	.5									41	41	37	63											
80		.2	.5	1.1	1.1	.5	.4	.3										34	34	29	47											
81		.2	.4	.4	1.1	.8	.2	.2	.1									30	30	45	41											
82		.2	.3	.3	1.1	.5	.1	.2										27	27	37	25											
83		.1	.2	.4	.2	.6	.3	.4										23	23	26	29											
84		.2		.5	.4	.5	.2	.5										8	8	31	36											
85		.2			.4	.2	.1											8	8	41	31											
86					.2	.2												5	5	31	15											
87					.1															23	10											
88						.1												1	1	11	22											
89						.2												2	2	21	13											
90																				2	15											
91																					23											
92																					20											
93																				3	9											
94																					19											
95																					10											
96																					10											
97																					7											
98																					6											
99																					7											
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

1500-1700
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/INOC

PSYCHROMETRIC SUMMARY

1967 PATRICK AFB, FL 71-86 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
7 / 71																		7	7						
7 / 77																		6	6						
7 / 73		1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	35	35	2	1				
7 / 78		2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	93	93	16	9				
7 / 71		3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	138	138	51	26				
7 / 69		1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	114	114	97	54				
7 / 67		1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	94	94	112	76				
7 / 65		2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	54	54	112	1.0				
7 / 60		1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	59	59	90	98				
7 / 51		1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	45	45	84	76				
7 / 49		1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	46	46	45	79				
7 / 47		1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	42	42	36	41				
7 / 45		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	42	42	45	34				
7 / 42		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	28	28	41	40				
7 / 41		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	28	28	18	33				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	36	36	35	26				
7 / 47		1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	15	15	43	25				
7 / 41		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	5	5	30	35				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	6	6	30	22				
7 / 41		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	4	4	13	16				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	1	1	25	15				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2	2	12	28				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				20				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				20				
7 / 41		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6			1	17				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6			2	7				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				8				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				17				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				1				
7 / 41		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				5				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				4				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				1				
7 / 40		1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6				2				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature						
Rel. Hum.																			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

161	CATICA AFD 11	71-6	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1870-2000
HOURS (L.S.T.)

[illegible]

GLOBAL CLIMATOLOGY
 WASHINGTON
 AIRCRAFT SERVICE

PSYCHROMETRIC SUMMARY

10-67 STATION 71-81 YEARS JAN
 STATION NAME MONTH
 PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
71-72				.1														1	1		
72-73					.1													2	2		
73-74		.1	.3	.5	.1	.1												14	14		
74-75	.1	2.3	2.3	1.1	.1													59	59	1	4
75-76		.1	2.2	1.6	0.6	.1												125	125	42	18
76-77	.1	2.2	.8	3.4	1.	.4												141	141	31	62
77-78	.1	0.1	1.0	1.7	1.	.3												36	86	112	70
78-79	.1	3.1	2.0	1.2		.3	.1											87	87	102	100
79-80	.1	2.7	1.	1.4	.4	.3												65	65	105	72
80-81		2.	1.0	.3	.6	.2												46	46	65	105
81-82		.4	1.	1.	.2	.2												37	37	61	66
82-83		.3	1.4	1.	.2	.2	.1											47	47	36	52
83-84		.3	.3	1.1	1.	.6												36	36	37	32
84-85		.1	1.1	1.	.4	.2	.1											28	28	46	41
85-86		.3	2.2	.4	1.	.4												41	41	16	29
86-87		.1	1.2	1.1		.1	.1											35	35	37	31
87-88		.1	.1	1.1	.1	.4												30	30	42	23
88-89		.1	.3	.5	.5	.2												20	20	34	38
89-90			.1	.1	.1	.1												15	15	31	26
90-91			.1	.1	.1	.1	.1											9	9	17	25
91-92			.1															1	1	19	24
92-93			.1															1	1	26	18
93-94				.1														3	3	5	19
94-95																				2	19
95-96																					15
96-97																					9
97-98																					7
98-99																					11
99-100																					3
100-101																					6
101-102																					4
102-103																					2
TOTAL		1.63	1.	21.2	11.2	4.3	.3											929	929	929	929
Element (X)	Σ X ²		Σ X		X		Σ		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	5656454		71264		76.8		13.787		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	3769390		58612		63.1		8.770		929				42.8	7.6			53				
Wet Bulb	2319444		54782		59.7		9.796		929				3	24.5	1.6		93				
Dew Point	2994619		51469		55.4		10.321		929			5.7	15.4	.4			93				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1.67 PATRICIA AFB FL
STATION STATION NAME

71-3

YEARS

JAN
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PA

PSYCHROMETRIC SUMMARY

11-67 PATRICK AFB FL 71-74.76 YEARS FEB
STATION STATION NAME MONTH

PAGE 1 0000-0000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1- / 70		.9	.8															5	5						
2- / 71		3.3	1.6															21	21	12	1				
3- / 69		3.8	5.3	.5	1.7													40	40	12	18				
4- / 67		1.5	2.3	3.8	.7	.9												40	40	22	12				
5- / 68	.1	3.5	1.8		.7	.5												22	22	34	18				
6- / 68	.2	6.6	1.7	.5	.7	.5												35	35	32	34				
7- / 61		2.9	1.9	.9	.7													25	25	40	40				
8- / 69	.1	2.4	4.4	.3	.7	.5												26	26	19	24				
9- / 67	.1	.9	1.1	2.1	.7	.6												21	21	26	15				
10- / 65		2.3	1.9	1.5	.8	.7												26	26	24	28				
11- / 61	.3	1.3	1.1	.4	1.7	.3												22	22	19	22				
12- / 61		.9	.8	.8	.7													9	9	2	19				
1- / 66		.6	1.2	1.2	.7	.3												14	14	13	19				
2- / 47		.3	.6	1.2	.7													10	10	13	8				
3- / 45			1.1	2.4	.7	.9												19	19	13	12				
4- / 42			.6															2	2	11	5				
5- / 41																				14	9				
6- / 39																				9	12				
7- / 39			.3															3	3	1	11				
8- / 38																				3	9				
9- / 33																				3	10				
10- / 21																					5				
11- / 17																					1				
12- / 17																					4				
1- / 28																					1				
2- / 28																					1				
3- / 17																					2				
TOTAL		13.25	22.2	15.6	9.3	4.1												340		340	340				
USE WITH CAUTION SEE FIRST PAGE																									
Element (X)	Z _g	Z _x	X	C _n	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	2176298	26238	74.91	3.363	340	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	1273337	26541	61.7	8.101	340			26.2	1.2			84													
Wet Bulb	1135661	19413	57.1	8.963	340			11.4				84													
Dew Point	1330229	13225	53.2	11.179	340		3.5	7.7				84													

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATELOGY - HATCH
 CHARITAC
 AIRCRAFT SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1-667 STATION MATRICH AFB FL STATION NAME 71-74.76 YEARS FEB MONTH
 PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
14/ 77		1.5																														5	5				
17/ 71		2.6	2.1																													18	18	9	4		
21/ 60			1.6	1.0	.8	1.2	.3																									27	20	8	11		
27/ 67			5.2	3.6	.8		.3																									42	42	25	15		
36/ 66	.3	5.1	1.2	.9	.8																											26	26	30	25		
47/ 67	1.5	7.6	1.2	.6																												37	37	37	30		
57/ 61	.8	3.5	1.4	1.5																												25	25	35	38		
67/ 56		2.5	2.9	.3	1.5																											24	24	19	27		
77/ 67		7.8	1.6	1.2																												26	26	20	15		
87/ 56		2.3	1.3	.3																												21	21	22	26		
47/ 57	.8	2.3	1.2	.3	.4																											21	21	25	19		
57/ 53		1.8	1.0	2.3		.5																										21	21	23	23		
67/ 47			1.2	1.8																												10	10	16	14		
77/ 47				.3	.1																											9	9	6	19		
87/ 41			2.6	1.3	.1	.6																										19	19	15	8		
94/ 40			1.2	1.3	.2																											10	10	14	3		
12/ 41				.2	.2																											2	2	10	10		
17/ 37				.2																												2	2	13	15		
27/ 37			.6																													3	3	3	12		
37/ 35																																		10	6		
34/ 31																																		1	3		
47/ 31																																			8		
57/ 27																																			9		
67/ 27																																			1		
77/ 25																																			3		
84/ 21																																			1		
97/ 17																																			2		
107/ 17																																			1		
TOTAL	6.13	1.4	34.3	15.5	5.4	2.1																											341	341	341	341	
USE WITH CAUTION SEE FIRST PAGE																																					
Element (X)	Σ X ²		Σ X		Σ	Σ ₂	No. Obs.		Mean No. of Hours with Temperature										Total																		
Rel. Num.	255250		27634		81.0	13.377	341		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																							
Dry Bulb	1227943		27634		59.4	8.392	341				20.9	1.2						84																			
Wet Bulb	1108419		19179		56.2	9.350	341				10.3						84																				
Dew Point	1017494		18202		53.4	11.619	341		6.2	7.4						84																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

PSYCHROMETRIC SUMMARY

1.067 PATRICK AFB FL
STATION STATION NAME

71-82

YEARS

FEB
MONTH

PAGE 1

DEFO-0800
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

<u>1 67</u>	<u>LA TRICK AFB FL</u>
STATION	STATION NAME

71-5:

YEARS

FEE
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1.67	PATRICK AEL FL
STATION	STATION NAME

71-0

YEARS

FEE
MONTH

PAGE 2 0900-1100
HOURS (L - S - T)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/NAO

PSYCHROMETRIC SUMMARY

1967 PATRICK AFB FL 71-60 YEARS FEB MONTH
STATION STATION NAME
PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
63/ 27										.1								1	1		
64/ 28							.1											5	5		
64/ 27									.1									1	1		
64/ 21				.2		.4	.5											10	10		
67/ 79		.1	.5	.5	.5	1.0	.5	.4										35	35		
77/ 77		.1	.2	1.7	1.1	.2	.2	.1	.1									41	41	1	
77/ 75		.4	.7	2.5	1.6	1.7	.2	.6	.2									63	63	11	2
74/ 72		.5	1.7	3.9	.7	1.3	.7	.1	.1									77	77	17	8
77/ 71		.5	1.7	3.2	1.3	1.1	.5	.2										76	76	47	12
77/ 69		.2	2.2	1.0	3.2	1.7	1.2	.4										86	86	61	30
67/ 67		.4	1.3	1.	1.7	2.0	.7	1.0	.2									69	69	94	50
64/ 67		.8	.9	1.7	1.7	.7	1.2	.1										55	58	65	52
64/ 62	.2	1.5		1.9	1.3	1.2	1.7	.1	.2									77	77	60	98
67/ 61		.1	.6	.7	1.1	1.4	1.1	.6	.2									55	55	65	52
67/ 59		.4	1.7	.5	1.	1.7	.7	.5										47	47	53	46
67/ 57		.3	.7	.5	.6	.7	1.4	.5										44	44	63	33
59/ 51		.4		.1	.5	.6	.7	1.										28	28	59	50
54/ 51		.1		.5	.7	.1	.7	.7										23	23	53	56
52/ 51			.4	.4	.7	.7	.7	.7										16	16	40	46
57/ 49		.2	.2	.1	.5	.4	.1	.2										13	18	29	29
47/ 47				.7	.1	.1												4	4	73	45
49/ 45			.1		.1	.2												5	5	28	23
44/ 47			.4		.7													4	4	19	37
36/ 41																				24	23
47/ 39																				11	25
37/ 37																				5	21
31/ 35																				3	18
34/ 33																					19
31/ 31																					15
27/ 29																					8
27/ 27																					8
27/ 25																					11
47/ 20																					7
27/ 21																					5
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

71-6

YEARS

FEB
MONTH

PAGE 2

1200-1400
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
✓ 17																					6			
✓ 17																					2			
✓ 17																					2			
✓ 17																					1			
EAL	.	7.1	13.	21.0	19.6	17.7	10.6	7.0	1.7	.1								840	P43	840	840			
Element (X)	Z _g '	Z _g	H	C _s	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	3.51376	52.66	62.8	16.348	840	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	2.2733	50.376	66.9	8.243	843			46.2	23.2	4.1		64												
Wet Bulb	3.2916	49.87	59.4	9.121	840			23.1	2.9			84												
Dew Point	250.416	44.504	53.1	12.644	840		6.5	10.2	1.0			84												

PSYCHROMETRIC SUMMARY

1 67	1 A1-1Cn 1F5 FL
STATION	STATION NAME

71-8'

YEARS

FEB
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1-67 WATSON 45-FL
STATION

71-8

YEARS

FEB
MONTH

PAGE 7

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
100																						84
95																			84.5		84.5	84.5
90																						
85																						
80																						
75																						
70																						
65																						
60																						
55																						
50																						
45																						
40																						
35																						
30																						
25																						
20																						
15																						
10																						
5																						
0																						
Element (X)	Σ x ²	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	2563729	52765	63.6	16.2	845	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	3519222	56432	66.8	7.7	845			45.8	22.1	3.6		84										
Wet Bulb	347163	55552	59.4	8.7	845			21.4	2.6			84										
Dew Point	2523150	44041	52.2	12.3	845		6.6	10.4	.3			84										

U.S. AIR FORCE METEOROLOGY BRANCH
 USAFETAC
 AIRCRAFT SERVICE CENTER

PSYCHROMETRIC SUMMARY

1967 PATRICK AFB FL 71-80 YEARS FEB MONTH

PAGE 1 1800-2300 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31			Dry Bulb	Wet Bulb	Dew Point	
62/ 77																			1	1			
63/ 78					.1	.2													5	5			
64/ 79			.4	.1	.7	.1	.1												8	8			
65/ 80		.1	1.2	.6	.9	.5	.1												25	25			
66/ 81		.6	1.8	2.4	.4	.7	.1												52	52	12		
67/ 82	.1	2.4	3.5	1.7	.7	.5	.1	.2											80	80	22	16	
68/ 83	.1	1.2	4.3	2.6	1.1	.6	.6												87	87	49	30	
69/ 84	.2	2.1	3.5	1.5	.2	.5	.2	.1											93	93	81	39	
70/ 85	.1	2.2	4.6	2.1	1.2	.1	.7	.1											77	77	81	70	
71/ 86	.1	1.7	1.5	1.0	.2	.2	.3	.2	.1										60	60	77	78	
72/ 87		.9	2.7	1.2	.7	1.7	.7	.1											68	68	63	62	
73/ 88		.6	1.3	.2	.1	1.3	.7	.2		.1									56	56	61	51	
74/ 89		.5	1.5	1.5	1.4	1.2	.2	.2											60	60	67	50	
75/ 90		.7	1.3	1.9	1.3	.6	.1	.3											64	64	31	59	
76/ 91		.2	.7	.1	.1	1.1	.2												23	23	51	48	
77/ 92	.1	.5	1.1	1.1	.5	.5													31	31	48	30	
78/ 93		.6	1.1	1.4	.2	.1													29	29	59	35	
79/ 94		.2	.5	.2	.4	.1													14	14	33	17	
80/ 95		.5	.4	.7	.3														10	10	34	47	
81/ 96																					30	38	
82/ 97																					29	25	
83/ 98																			2	2	9	25	
84/ 99																			1	1	6	21	
85/ 00																					3	32	
86/ 01																						19	
87/ 02																						20	
88/ 03																						13	
89/ 04																						7	
90/ 05																						6	
91/ 06																						5	
92/ 07																						2	
93/ 08																						1	
TOTAL	.7	13.1	28.6	22.9	15.4	11.2	5.4	1.7	.1	.1									546	846	846	846	
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.	4379425		59385		70.2	15.798	246		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F		84							
Dry Bulb	3466715		53761		63.5	7.719	846				34.9	9.0	.2			84							
Wet Bulb	2908353		49137		53.0	8.838	846				16.3	1.2				84							
Dew Point	2506598		44926		53.1	1.934	846			5.4	2.4					84							

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	FEE MONTH
1000	1000	1000	1000

PAGE 1 21CU-23LC
HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

<u>100</u>	<u>ATLANTA, GA FL</u>
STATION	STATION NAME

71-2

YEARS

FFF

MONTH

PAGE 1

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70																		1	1					
69																		9	9					
68																		6	6					
67																		27	27					
66																		74	74					
65																		27	27	2				
64																		189	139	16	4			
63																		322	322	73	15			
62																		452	452	189	36			
61																		513	513	324	214			
60																		525	526	454	263			
59																		425	429	475	303			
58																		499	499	477	522			
57																		389	389	456	422			
56																		308	359	387	347			
55																		359	359	412	294			
54																		356	356	313	382			
53																		257	257	349	313			
52																		199	199	305	279			
51																		202	202	232	246			
50																		102	102	231	223			
49																		105	105	233	212			
48																		47	47	201	208			
47																		25	25	150	199			
46																		23	23	99	171			
45																		15	15	48	143			
44																		1	1	44	141			
43																		2	2	23	128			
42																				5	116			
41																					78			
40																					59			
39																					41			
38																					19			
37																					29			
Element (X)	Σ X ²	Σ X	X	e _n	No. Obs.	Mean No. of Hours with Temperature																		

PSYCHROMETRIC SUMMARY

1. 67	1. 10. 67
STATION	STATION NAME

71-500

YEARS

FE D
MONTA

PAGE 7

ALL

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATE POLICY - A CHANGING
AND GROWING SERVICE ZONE

MAR
MONTH

PAGE 1 PC96-0250
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 67 F17-104 AFM FL
STATION STATION NAME

71-79

YEARS

MAR
MONTH

PAGE 1 0370-0540
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY DIVISION
 DISAR/TAG
 AIRCRAFT SERVICE/RAV

PSYCHROMETRIC SUMMARY

1-67 PATRICK AFB FL 7-8 YEARS MONTH
 STATION STATION NAME
 PAGE 1 1600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31										
7 / 74			.4															3	3								
7 / 77			.4															2	2								
7 / 78			.4															14	14								
7 / 79		1.4	2.2	2.1	.4	.4	.1											51	51					4	3		
7 / 80	.4	5.1	3.5	1.3	.4	1.4												117	117					39	21		
7 / 81	.4	4.9	2.7	.9	2.4	1.4	.1											123	123					77	65		
7 / 82	.4	3.5	4.4	1.3	1.4	.3	.4											93	93					115	75		
7 / 83	.4	4.5	1.2	1.2	.4	.5	.1											81	81					87	92		
7 / 84	1.2	4.6	3.3	1.3	1.7	.5	.1											96	96					86	93		
7 / 85	1.2	1.4	2.1	.2	.1	.4												47	47					90	64		
7 / 86	.4	2.1	1.5	.4	.4	.6												40	40					73	44		
7 / 87	.4	1.5	1.4	.1	.4	.5												31	31					57	76		
7 / 88	.4	1.5	.6	.9	.4	.1	.1											32	32					41	55		
7 / 89		.1		.2	.4	.3												17	17					24	49		
7 / 90		.4		.4	.4													8	8					15	31		
7 / 91		.3		.2	.1	.3												11	11					17	18		
7 / 92		.1		.1	.1	.1												3	3					14	14		
7 / 93		.1	.1	.1	.1													4	4					12	6		
7 / 94																		2	2					12	15		
7 / 95																								2	15		
7 / 96																								5	9		
7 / 97																								2	7		
7 / 98																									7		
7 / 99																									4		
7 / 100			.1															1	1						8		
7 / 101			.1															1	1					1	1		
7 / 102																									2		
7 / 103																								1	1		
7 / 104																									1		
7 / 105																									1		
7 / 106																									1		
7 / 107																									1		
7 / 108																									1		
7 / 109																									1		
7 / 110																									1		
TOTAL	7.6	32.3	3.6	13.5	9.7	7.1	1.7											777	777					777	777		
USE WITH CAUTION SEE FIRST PAGE																											
Element (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature											
Rel. Hum.	5174655			52477			82.4			3.950			777			≤ 0 F			≤ 32 F			≤ 67 F			≤ 93 F		
Dry Bulb	3377335			51979			65.6			6.487			777			.2			48.2			8.4					
Wet Bulb	3013483			48065			61.9			7.197			777			.2			28.5			.8					
Dew Point	2780252			45932			59.1			9.152			777			1.7			19.6			.4					

USAFETAC FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGL 2 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
Other
LA 44

USAFETAC

ALL AT CLIMATELOGY SEASON
GREAT TAG
AT CENTER - SE/VIC/ TAG

1767	STATION	71-8	YEARS	MAP	MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
72.01	.	1.2	1.8	2.1	2.4	2.7	3.1	3.7	4.4	5.1									930		930			
71.01																		930		930				

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAF

PSYCHROMETRIC SUMMARY

17-67 PATRICK AFB FL 71-50 YEARS MAR MONTH

PAGE 1 1560-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																										TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
57 / 57									.1	.1								7	7																
58 / 57									.2	.2								6	6																
59 / 57						.1	.4	.4	.4	.2	.1							16	16																
60 / 57						.2	.7	.7	.6	.3								24	24																
61 / 57				.1	.7	.5	.5	.6	1.2									32	32																
62 / 57			.4	1.2	.7	1.2	.3	.3	.1	.1	.1							40	40																
63 / 57		.1	1.2	3.0	3.3	1.4	.7	.7	.2	.2								94	94																
64 / 57		.4	3.9	3.2	4.0	1.2	1.2	.2	.2	.2								169	169	10	1														
65 / 57		1.1	2.3	4.3	3.1	2.2	1.4	.9	.3	.1								155	155	67	9														
66 / 57	.1	.1	2.8	3.1	2.0	1.6	1.4	.1	.1									114	114	112	32														
67 / 57	.2	.2	1.7	1.8	1.3	1.6	1.5	.3	.3	.3								60	60	143	32														
68 / 57	.1	.1	1.1	1.3	1.3	2.2	.3	.3	.3	.2								67	67	128	85														
69 / 57		.2	.1	.5	.6	.7	.3			.1								29	29	109	94														
70 / 57	.2	.5	.2	.5	1.1	1.1	.6			.1								43	43	100	106														
71 / 57			.1	.2	.2	.4	.4			.1								16	16	70	91														
72 / 57				.1	.2	.4	.4			.1								14	14	50	89														
73 / 57					.2	.5	.1											8	8	51	67														
74 / 57																				21	46														
75 / 57																				24	35														
76 / 57																				12	41														
77 / 57																				15	27														
78 / 47				.1														1	1	6	20														
79 / 47			.1	.1	.2													4	4	6	23														
80 / 47				.1														1	1		12														
81 / 47																				2	11														
82 / 37																				1	10														
83 / 37																				3	9														
84 / 27																					3														
85 / 17																					4														
86 / 7																					4														
87 / 7																					1														
88 / 7																					1														
Element (K)	Σ _h					Σ _g					Σ					Σ _s					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≥ 0 F					≥ 32 F				
Dry Bulb																										≥ 67 F					≥ 73 F				
Wet Bulb																										≥ 80 F					≥ 93 F				
Dew Point																															Total				

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

10-67	PATRICK AFB, FL
STATION	STATION NAME

71-8

YEARS

MAP
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 67 14TH ICR AF FL
STATION STATION NAME

71-61

YEARS

MAR
MONTH

PAGE 1

18 0-2000
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
1 / 7										.1								1	1																
2 / 13																		1	1																
3 / 19																		4	4																
4 / 25										.1								13	13																
5 / 31				.1						.1								20	20																
6 / 37		.1	.2	.1						.1								28	28																
7 / 43		.2	.3	.2	.1					.1								98	98	1															
8 / 49		.3	.4	.3	.2	.1				.1								169	169	25	8														
9 / 55	.1	.4	.3	.2	.1					.1								192	192	84	36														
10 / 61	.2	.5	.4	.3	.2	.1				.1								148	148	135	63														
11 / 67	.3	.6	.5	.4	.3	.2	.1			.1								17	37	154	90														
12 / 73	.4	.7	.6	.5	.4	.3	.2	.1		.1								66	66	130	142														
13 / 79	.5	.8	.7	.6	.5	.4	.3	.2	.1									50	50	106	126														
14 / 85	.6	.9	.8	.7	.6	.5	.4	.3	.2	.1								71	31	64	65														
15 / 91	.7	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1							26	26	54	97														
16 / 97	.8	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1						12	12	59	50														
17 / 103	.9	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1					11	11	30	31														
18 / 109	1.0	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1				6	6	32	51														
19 / 115	1.1	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1			1	1	15	40														
20 / 121	1.2	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1				10	24														
21 / 127	1.3	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2	.1			13	25														
22 / 133	1.4	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3	.2			7	21														
23 / 139	1.5	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4	.3																		
24 / 145	1.6	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5	.4																		
25 / 151	1.7	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6	.5																		
26 / 157	1.8	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7	.6																		
27 / 163	1.9	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8	.7																		
28 / 169	2.0	2.3	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	.9	.8																		
29 / 175	2.1</																																		

PSYCHROMETRIC SUMMARY

<u>1-267</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-5

YEARS

MAR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAF
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

USAFETAC

PSYCHROMETRIC SUMMARY

<u>1</u>	<u>STATION</u>	<u>SAT. CLK. REF. FL.</u>	<u>STATION NAME</u>
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71-5

YEARS

MAF
MONTH

PAGE 5

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL																																																																																																																																																																																																																																																																																																																																																																																													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																							
61	61.0	60.4	59.8	59.2	58.6	58.0	57.4	56.8	56.2	55.6	55.0	54.4	53.8	53.2	52.6	52.0	51.4	50.8	50.2	49.6	49.0	48.4	47.8	47.2	46.6	46.0	45.4	44.8	44.2	43.6	43.0	42.4	41.8	41.2	40.6	40.0	39.4	38.8	38.2	37.6	37.0	36.4	35.8	35.2	34.6	34.0	33.4	32.8	32.2	31.6	31.0	30.4	29.8	29.2	28.6	28.0	27.4	26.8	26.2	25.6	25.0	24.4	23.8	23.2	22.6	22.0	21.4	20.8	20.2	19.6	19.0	18.4	17.8	17.2	16.6	16.0	15.4	14.8	14.2	13.6	13.0	12.4	11.8	11.2	10.6	10.0	9.4	8.8	8.2	7.6	7.0	6.4	5.8	5.2	4.6	4.0	3.4	2.8	2.2	1.6	1.0	0.4	-0.2	-0.8	-1.4	-2.0	-2.6	-3.2	-3.8	-4.4	-5.0	-5.6	-6.2	-6.8	-7.4	-8.0	-8.6	-9.2	-9.8	-10.4	-11.0	-11.6	-12.2	-12.8	-13.4	-14.0	-14.6	-15.2	-15.8	-16.4	-17.0	-17.6	-18.2	-18.8	-19.4	-20.0	-20.6	-21.2	-21.8	-22.4	-23.0	-23.6	-24.2	-24.8	-25.4	-26.0	-26.6	-27.2	-27.8	-28.4	-29.0	-29.6	-30.2	-30.8	-31.4	-32.0	-32.6	-33.2	-33.8	-34.4	-35.0	-35.6	-36.2	-36.8	-37.4	-38.0	-38.6	-39.2	-39.8	-40.4	-41.0	-41.6	-42.2	-42.8	-43.4	-44.0	-44.6	-45.2	-45.8	-46.4	-47.0	-47.6	-48.2	-48.8	-49.4	-50.0	-50.6	-51.2	-51.8	-52.4	-53.0	-53.6	-54.2	-54.8	-55.4	-56.0	-56.6	-57.2	-57.8	-58.4	-59.0	-59.6	-60.2	-60.8	-61.4	-62.0	-62.6	-63.2	-63.8	-64.4	-65.0	-65.6	-66.2	-66.8	-67.4	-68.0	-68.6	-69.2	-69.8	-70.4	-71.0	-71.6	-72.2	-72.8	-73.4	-74.0	-74.6	-75.2	-75.8	-76.4	-77.0	-77.6	-78.2	-78.8	-79.4	-80.0	-80.6	-81.2	-81.8	-82.4	-83.0	-83.6	-84.2	-84.8	-85.4	-86.0	-86.6	-87.2	-87.8	-88.4	-89.0	-89.6	-90.2	-90.8	-91.4	-92.0	-92.6	-93.2	-93.8	-94.4	-95.0	-95.6	-96.2	-96.8	-97.4	-98.0	-98.6	-99.2	-99.8	-100.4	-101.0	-101.6	-102.2	-102.8	-103.4	-104.0	-104.6	-105.2	-105.8	-106.4	-107.0	-107.6	-108.2	-108.8	-109.4	-110.0	-110.6	-111.2	-111.8	-112.4	-113.0	-113.6	-114.2	-114.8	-115.4	-116.0	-116.6	-117.2	-117.8	-118.4	-119.0	-119.6	-120.2	-120.8	-121.4	-122.0	-122.6	-123.2	-123.8	-124.4	-125.0	-125.6	-126.2	-126.8	-127.4	-128.0	-128.6	-129.2	-129.8	-130.4	-131.0	-131.6	-132.2	-132.8	-133.4	-134.0	-134.6	-135.2	-135.8	-136.4	-137.0	-137.6	-138.2	-138.8	-139.4	-140.0	-140.6	-141.2	-141.8	-142.4	-143.0	-143.6	-144.2	-144.8	-145.4	-146.0	-146.6	-147.2	-147.8	-148.4	-149.0	-149.6	-150.2	-150.8	-151.4	-152.0	-152.6	-153.2	-153.8	-154.4	-155.0	-155.6	-156.2	-156.8	-157.4	-158.0	-158.6	-159.2	-159.8	-160.4	-161.0	-161.6	-162.2	-162.8	-163.4	-164.0	-164.6	-165.2	-165.8	-166.4	-167.0	-167.6	-168.2	-168.8	-169.4	-170.0	-170.6	-171.2	-171.8	-172.4	-173.0	-173.6	-174.2	-174.8	-175.4	-176.0	-176.6	-177.2	-177.8	-178.4	-179.0	-179.6	-180.2	-180.8	-181.4	-182.0	-182.6	-183.2	-183.8	-184.4	-185.0

PSYCHROMETRIC SUMMARY

PAGE 1 1000-0200
HOURS (L-S-T)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-01-2001 BY SP-6 JIC/MS

PAGE 1 1300-0500
HOURS (L. S. T.)

SAFETAC
FORM
JUL 82
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

~~USE WITH CAUTION~~
~~SEE FIRST PAGE~~

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 67	CARIBBEAN AT. FL	71-2	APR

PAGE 1 76JC-0860
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

167 DATE: 10/10/1964
STATION 1

71-0"

APC:

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/									.1									1	1					
/									.1									2	2					
/									.1									6	6					
/									.1									10	10					
/					.	.1	.2	.4	1.4	.1	.1							24	24					
/				.1		.4	.7	.1	.1									23	23					
/					.	1.1	1.4	.4	.7	.1								40	40					
/				.1	.1	1.1	1.2	.2	.2	.2								95	95					
/		.1	.1	1.1	.7	.4	.1	1.1	.1	.1								125	125	4				
/		.1	.1	1.1	.7	.4	.1	1.1	.1	.1								181	181	12	1			
/		.1	.	1.4	.7	1.1	.1	1.4	.1	.1								144	144	43	9			
/		.1	.	1.4	1.1	2.2	.	1.1	.4	.1								118	118	86	20			
/		.4	.1	1.7	.	1.7	1.7	1.1	.4	.1								71	71	156	45			
/		.4	.1	.7	.	.7	.1	.7	.2									21	21	124	64			
/	.	.1	.7	.17	.1									20	20	109	122			
/			.7	.7		.	.	.										10	10	110	86			
/			.1			.7	.7											8	8	99	93			
/																				64	70			
/						.												1	1	30	71			
/																				27	81			
/																					13	54		
/																					13	47		
/																					10	22		
/																						16		
/																						24		
/																						10		
/																						17		
/																						7		
/																						9		
/																						4		
/																						2		
/																						3		
/																						1		
Element (X)	ΣX^2		ΣX		\bar{X}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

MEMORANDUM

USAFETAC

100-442104-100
 100-442104-101
 100-442104-102

PAGE 2 1200-1400
HOURS (L. S. T.)

USAFETAC
FORM
AA-44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1-67 PATRICK AFB FL
STATION STATION NAME

71-8

YEARS

APR
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
1 / 1										.1								1	1					
2 / 1										.1	.1							2	2					
3 / 1									.1	.1	.1							12	12					
4 / 1									.1	.1	.1	.1						16	17					
5 / 1									.1	.1	.1							20	23					
6 / 1					.1		.1		.1	.1	.1							17	17					
7 / 1					.1	.1	.1		.1	.1	.1							21	21					
8 / 1			.7	1.2	1.2	1.2	.1	.7	.3	.3	.2							64	64					
9 / 1		.2	.2	2.4	2.7	2.7	.1	1.1	.7	.1	.2							126	126					
10 / 1		.4	.6	4.2	4.1	2.3	1.1	.9	.3	.1								165	165	14				
11 / 1			.2	4.1	3.4	4.6	1.5	.4	.9									177	177	29	19			
12 / 1		.1	1.2	2.1	1.7	2.6	1.3	1.1	.7	.4								117	117	115	11			
13 / 1		.3	.6	1.1	1.7	2.4	1.4	.4	.3		.7							92	92	130	44			
14 / 1	.1		1.1	.7	.4	.2	.7	.4	.4		.1							42	42	125	106			
15 / 1		.2		.1	.3	.4	.3	.3	.1									16	16	111	109			
16 / 1		.1	.3	.1			.1	.1										8	3	119	77			
17 / 1				.2		.4	.1											7	7	83	91			
18 / 1						.2												2	2	72	81			
19 / 1																				46	82			
20 / 1																				23	63			
21 / 1																				15	52			
22 / 1																				12	49			
23 / 1																				5	25			
24 / 1																					25			
25 / 1																					18			
26 / 1																					14			
27 / 1																					13			
28 / 1																					8			
29 / 1																					7			
30 / 1																					2			
31 / 1																					3			
1 12L	.1	1.4	7.3	16.6	12.9	18.1	16.7	7.9	7.3	3.4	1.2	.1	.1						899		899			
2 12L																		899			899			
Element (X)	Σx'		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3562224		54713		69.9		14.771		899		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	5311902		62888		76.6		4.972		899						88.3		73.3		19.5		.3		90	
Wet Bulb	4.93459		61.478		67.3		5.277		899						52.5		15.8						90	
Dew Point	3452283		55265		61.5		7.871		899				.3		28.9		3.0						90	

CLIMATE CLIMATOLOGY STATION
 0-26-5 (OL A) REVISED EDITIONS OF THIS FORM ARE OBSOLETE
 0-26-5 (OL A) REVISED EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION 10-61 PATRICK AFB FL STATION NAME 71-80 YEARS MONTH APR

PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/67							.1	.1	.2			.1						4	4		
67/68						.3	.3	.1	.1									3	3		
68/69					.1	.2	.4	.2	.2									11	11		
69/70				.1	.3	.4	.2	.2	.1									11	11		
70/71		.3	1.7	2.1	1.8	.7	.4	.3	.2	.1			.1					16	16		
71/72		.9	1.2	3.3	1.1	2.2	.7	.1	.1		.1							64	64	1	
72/73		.7	4.9	5.2	3.2	2.4	1.1	.7										106	106	4	2
73/74	1.1	3.1	6.3	2.6	4.3	1.7	.2	.4										170	170	36	15
74/75	.3	2.4	2.1	2.1	3.3	1.3	.7	.2										196	196	69	16
75/76		1.4	1.2	3.1	2.2	1.2	.7			.1								129	129	127	60
76/77	.2	.2	.2	.7	1.1	.2	.4			.1								100	100	134	89
77/78	.1	.2	.3	1.1	.3	.2	.1			.1								40	40	119	122
78/79	.1	.2	.4	.1	.7	.1	.1	.1										28	28	101	66
79/80			.4	.1	.2													11	11	107	105
80/81					.1													5	5	78	68
81/82					.2													4	4	42	74
82/83					.1													1	1	42	74
83/84																		1	1	19	53
84/85																				11	36
85/86																				10	35
86/87																				6	21
87/88																					6
88/89																					24
89/90																					16
90/91																					9
91/92																					3
92/93																					2
93/94																					1
94/95																					2
95/96																					1
TOTAL		3.2	17.2	23.9	18.7	19.6	4.6	4.7	1.9	.4	.1	.1	.1					900	900	900	900
Element (X)	Σ X ²	Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.	4209379	60319		67.0	3.619	900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4912111	66367		73.7	4.491	900				85.0	58.1	6.0		90							
Wet Bulb	3992142	59736		66.4	5.507	900				48.4	10.4			90							
Dew Point	3478156	55488		61.7	7.965	900			.3	30.4	3.3			90							

PSYCHROMETRIC SUMMARY

106	ATLANTA, GA.
STATION	STATION NAME

11-c.

YEARS

APR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

USE WITH CAUTION
SEE FIRST PAGE

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATE POLICY WATCH
 15 APR 1967
 AIR WEATHER SERVICE/AFM

PSYCHROMETRIC SUMMARY

1-67 STATION AIRICK AFB FL 71-67 YEARS APR MONTH
 PAGE 1 ALL HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
10/ 60																		2	2				
10/ 62																		4	4				
10/ 64																		18	18				
10/ 66																		24	24				
10/ 68																		50	50				
10/ 70																		59	59				
10/ 72																		98	98				
10/ 74																		256	256				
10/ 76																		477	477	6			
10/ 78																		719	719	39	3		
10/ 80																		943	943	184	76		
10/ 82																		951	951	536	170		
10/ 84																		800	800	733	364		
10/ 86																		586	586	802	543		
10/ 88																		299	299	739	648		
10/ 90																		196	196	703	601		
10/ 92																		163	163	701	593		
10/ 94																		79	79	510	459		
10/ 96																		54	54	300	509		
10/ 98																		16	16	208	430		
10/ 100																		22	22	150	411		
10/ 102																		23	23	104	269		
10/ 104																		4	4	50	191		
10/ 106																		2	2	48	137		
10/ 108																				16	111		
10/ 110																				7	107		
10/ 112																					95		
10/ 114																					51		
10/ 116																					36		
10/ 118																					21		
10/ 120																					10		
10/ 122																					5		
10/ 124																					7		
10/ 126																					1		
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.																							
Dry Bulb																							
Wet Bulb																							
Dew Point																							
USE WITH CAUTION SEE FIRST PAGE																							

USAFETAC FORM 0-26-5 (OL A) 15 APR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1267	PATRICK AFB FL
STATION	STATION NAME

71-8

YEARS

APR
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

[illegible]

~~USE WITH CAUTION~~
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

MAY
MONTH

PAGE 1

CONFIDENTIAL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1				.4														1	1																
2			.4	1.1														16	16																
3			.4	1.1														51	51	3															
4			.4	1.1														58	58	21	6														
5			.4	1.1														60	60	51	29														
6			.4	1.1														52	52	45	42														
7			.4	1.1														29	29	41	40														
8			.4	1.1														9	9	61	41														
9			.4	1.1														1	1	26	36														
10			.4	1.1														3	3	1	29														
11			.4	1.1																6	17														
12			.4	1.1																12	10														
13			.4	1.1																4	7														
14			.4	1.1																	5														
15			.4	1.1																	6														
16			.4	1.1																	11														
17			.4	1.1																	1														
18			.4	1.1																	280														
19			.4	1.1																	280														
20			.4	1.1																															
21			.4	1.1																															
22			.4	1.1																															
23			.4	1.1																															
24			.4	1.1																															
25			.4	1.1																															
26			.4	1.1																															
27			.4	1.1																															
28			.4	1.1																															
29			.4	1.1																															
30			.4	1.1																															
31			.4	1.1																															

USE WITH CAUTION
SEE FIRST PAGE

Element (X)	Σ x'	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1772503	2203	72.8	11.52	28	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1529333	2675	73.3	3.114	28			91.7	61.8	.3		93
Wet Bulb	1356504	1941	69.3	4.257	28			73.7	24.9			93
Dew Point	1254790	18674	66.7	5.794	28			53.1	12.3			93

PSYCHROMETRIC SUMMARY

<u>STATION</u>	<u>STATION NAME</u>	<u>YEARS</u>	<u>MONTH</u>
10	INDIAN HILL	71-72	MAY

PAGE : 0300-0500
HOURS (L - S - T)

[illegible]

PSYCHROMETRIC SUMMARY

1 07 PATRICK AFB FL
STATION STATION NAME

71-0

YEARS

MAY
MONTH

PAGE 1

59 JC-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>1</u>	<u>STATION</u>	<u>MATRIC AF FL</u>	<u>STATION NAME</u>
----------	----------------	---------------------	---------------------

71-31

YEARS

MAY
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 15 0-1700
HOURS (L. S. T.)

[illegible]

0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

1	61	MATRICK AFB FL
STATION		STATION NAME

71-80

YEARS

MAY
MONTH

PAGE 1 1850-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1067	PATRICK AFB FL
STATION	STATION NAME

71-61

YEARS

MAY
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1507 MATHICR AFB FL
STATION STATION NAME

71-87

YEARS

MAY
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 67 STATION OF FL
STATION STATION NAME

71-72

YEARS

JUN

MONTH

PAGE 1

0600-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>1. 67</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-73, 75-77

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE 1

2600-0800
HOURS (L. S. T.)

[illegible]

0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

10-67 PAIDICK AFB FL
STATION STATION NAME

71-81

YEARS

JUN
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>1- 67</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-85.

YEARS

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 AF STATION COMBICN AFB FL STATION NAME 71-87 YEARS JUN MONTH PAGE 1 2100-2300 HOURS (L, S, T.)

[illegible]

JOINT CLIMATE COMMAND
USAFETAC
AIR FORCE SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1 67 STATION NAME 71-0 YEARS JUN
STATION MONTH
PAGE 1 ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67/60																		1	1		
67/62																		6	6		
67/64																		53	53		
67/66																		103	103		
67/68																		204	204	2	2
67/70																		615	615	3	3
67/72																		867	867	3	1
67/74																		1178	1178	60	6
67/76																		1013	1013	357	82
67/78																		758	758	1137	269
67/80																		608	608	1593	951
67/82																		250	250	1458	1439
67/84																		67	67	745	1352
67/86																		10	10	267	897
67/88																				69	437
67/90																				15	180
67/92																				4	38
67/94																					33
67/96																					8
67/98																					12
67/100																					1
67/102																					2
TOTAL	.1	2.6	23.4	20.1	21.0	9.0	4.0	1.0	.0	.1	.0							5733	5733	5733	5733
USE WITH CAUTION SEE FIRST PAGE																					
Element (X)	Σ X'	Σ X	X	Σ X	No. Obs.	Mean No. of Hours with Temperature										Total					
Rel. Hum.	33366.70	4537.1	75.6	9.354	5733	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					720					
Dry Bulb	37434996	4625.8	8.7	4.13	5733					720.0	710.3	439.3			.9	720					
Wet Bulb	3293203	426653	74.8	2.743	5733					717.6	579.3	22.6				720					
Dew Point	29677031	413451	70.1	3.232	5733					685.6	348.3	3.1				720					

USAFETAC FORM 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
AFSAFETAC
AFSAFETAC SERVICE VOUCHER

PSYCHROMETRIC SUMMARY

1 67 STATION PATRICK AFB, FL 71-77 YEARS MONTH JUL

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb		Wet Bulb		Dew Point		
71																		1	1					
72																		40	41					
73																		127	127		1			
74																		81	81		5	19		
75																		26	26		148	102		
76																		3	3		68	95		
77																					6	56		
78																						6		
79																							278	
80																							278	
81																								
82																								
83																								
84																								
85																								
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90																								
91																								
92																								
93																								
94																								
95																								
96																								
97																								
98																								
99																								
100																								
Element (X)	Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Ref. Num.	2016756		23640		80.1		5.153		270		270		270		270		270		270		270		270	
Dry Bulb	1730523		21062		75.7		1.711		270		270		270		270		270		270		270		270	
Wet Bulb	1579527		20251		75.4		1.400		270		270		270		270		270		270		270		270	
Dew Point	1521416		20569		74.8		1.766		270		270		270		270		270		270		270		270	

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

1267	AFRICA AFL FL
STATION	STATION NAME

71-76, 79

YEARS

JUL
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
67 / 80							.1		.1									1	1					
68 / 81						.2	.2											1	1					
69 / 82						.3	.3											4	4					
70 / 83						.4	.4											25	25					
71 / 84				.1	.1	.5	.5											111	112					
72 / 85			.4	.6	.8	1.2	1.2											249	249					
73 / 86		.2	1.4	1.7	2.1	2.5	2.5											321	321	1				
74 / 87		.2	1.7	2.1	2.5	2.9	2.9	.1										148	148	20				
75 / 88		.1	1.3	1.6	2.0	2.4	2.4											47	47	216	20			
76 / 89		.3	.3	.6	.9	1.1	1.1											17	17	410	159			
77 / 90		.3	.1															4	4	206	329			
78 / 91		.1																1	1	61	229			
79 / 92																				13	137			
80 / 93																				2	40			
81 / 94																					9			
82 / 95																					3			
83 / 96																					3			
TOTAL		1.3	1.7	2.1	2.5	2.9	3.3	.6	.1										929	930	929			

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1 67	PARISH OF FL

71-87

YEAR

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1167	PATRICK AFB FL
STATION	STATION NAME

71-87

YEARS

JUL
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12 67 PATRICK AFB FL
STATION STATION NAME

71-8'

YEARS

JUL
MONTH

PAGE 1 1600-2000
HOURS 11:51:11

[illegible]

PSYCHROMETRIC SUMMARY

1-67	PATRICK AFB FL
STATION	STATION NAME

71-81

YEARS

JUL
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

JOINT CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 67 PATRICK AFB FL 71-80
STATION STATION NAME YEARS

YEARS

JUL
MONTH

PAGE 1

ALL
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
67/ 59																	1	1		
68/ 67																	12	12		
69/ 65																	4	4		
70/ 63																	16	16		
71/ 61																	57	57		
72/ 59																	124	124		
73/ 57																	411	412		
74/ 55																	1072	1072		
75/ 53																	1138	1138	8	
76/ 51																	1069	1071	136	1
77/ 49																	963	963	955	125
78/ 47																	740	740	1661	759
79/ 45																	301	301	1628	1779
80/ 43																	46	46	976	1618
81/ 41																	1	1	304	1015
82/ 39																			52	442
83/ 37																			5	139
84/ 35																				23
85/ 33																				18
86/ 31																				6
TOTAL																	5925	5928	5925	5925
USE WITH CAUTION SEE FIRST PAGE																				
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	34893261		4517.1		76.2		8.785		5925		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F	
Dry Bulb	40097978		437840		82.2		3.745		5928						744.0		743.9		549.6	
Wet Bulb	34540532		452170		76.3		2.357		5925						744.0		698.7		54.9	
Dew Point	32360303		437597		73.9		2.638		5925						738.1		537.7		2.1	
Total																				

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

71-77

YEARS

AUG
MONTH

PAGE 1

2000-0260
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1.67	PATRICIA AFD FL
STATION	STATION NAME

71-73, 76, 78-79

YEARS

AUG
MONTH

PAGE 1

2300-6500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

1-67 STATION PATRICK AF - FL STATION NAME

71-86

YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 01 STATION MISSION DEL FL STATION NAME

71-6

YEARS

AUC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 57	PAIDICR AF 5 FL
STATION	STATION NAME

71-5

YEARS

AUG
MONTH

PAGE 1 1516-1750
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1-67 PATRICK AFB FL
STATION STATION NAME

71-2.

YEARS

AUG

ADD
MONTH

PAGE 1

1800-2000
HOURS (L, S, T.)

[illegible]

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

1.. 67 PATRICK AFB FL
STATION STATION NAME

71-85

YEARS

AUG
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1. 67	PATRICK AFB FL
STATION	STATION NAME

71-603

YEARS

AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17:67 PATRICK AFB FL

71-73, 78-79

SEP

STATION

STATION NAME	STATION NUMBER	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NUMBER	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NUMBER	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NUMBER	STATION TYPE	STATION CLASS	STATION CODE

YEARS

MONTH

PAGE 1

0400-0200

HOURS (L, S, T, I)

[illegible]

PSYCHROMETRIC SUMMARY

1-67 PATRICK AFL FL

71-73, 75-76, 79

SEP

STATION

STATION NAME

YEARS

51
MONTH

PAGE 1

0300-0500

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

<u>1567</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-81

YEARS

354
MONTH

PAGE 1

7600-6800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17 67 PATRICK AFB FL

71-80

YEARS

SEP
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
100																		5	5		
98						3.1	3.7											70	70		
96						8.7	5.3											258	258		
94						10.3	6.9											298	298		
92						11.9	8.5											169	169	14	
90						13.5	10.1											45	45	238	27
88						15.1	11.7											27	27	323	190
86						16.7	13.3											19	19	198	271
84						18.3	14.9											8	8	89	190
82						19.9	16.5													31	131
80						21.5	18.1													3	56
78						23.1	19.7													3	24
76						24.7	21.3														8
74						26.3	22.9														2
72						27.9	24.5														
70						29.5	26.1														
68						31.1	27.7														
66						32.7	29.3														
64						34.3	30.9														
62						35.9	32.5														
60						37.5	34.1														
58						39.1	35.7														
56						40.7	37.3														
54						42.3	38.9														
52						43.9	40.5														
50						45.5	42.1														
48						47.1	43.7														
46						48.7	45.3														
44						50.3	46.9														
42						51.9	48.5														
40						53.5	50.1														
38						55.1	51.7														
36						56.7	53.3														
34						58.3	54.9														
32						59.9	56.5														
30						61.5	58.1														
28						63.1	59.7														
26						64.7	61.3														
24						66.3	62.9														
22						67.9	64.5														
20						69.5	66.1														
18						71.1	67.7														
16						72.7	69.3														
14						74.3	70.9														
12						75.9	72.5														
10						77.5	74.1														
8						79.1	75.7														
6						80.7	77.3														
4						82.3	78.9														
2						83.9	80.5														
0						85.5	82.1														
TOTAL						3.11	6.52	1.15	1.71	2.4								899	899	899	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17667 PATRICK AFL FL
STATION STATION NAME

71-8^m

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

1000

USAFETAC

PSYCHROMETRIC SUMMARY

<u>10.67</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-61

YEARS

SEP
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1830-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>1-67</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-87

YEARS

SEP
MONTH

PAGE : 2100-2300
HOURS (L. S. T.)

[illegible]

CLIMATE DATA LOGIC FORM
UNCLASSIFIED
AIR WEATHER SERVICE FORM

PSYCHROMETRIC SUMMARY

1 167 PATRICK AFB FL 71-80 SEP
STATION STATION NAME YEARS MONTH
PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
64/ 45																			3	3						
65/ 46																			17	17						
66/ 47																			53	53						
67/ 48																			337	337						
68/ 49																			1015	1015						
69/ 50																			1318	1318						
70/ 51																			1179	1179	61	9				
71/ 52																			834	834	915	77				
72/ 53																			562	563	1951	856				
73/ 54																			315	315	1512	1765				
74/ 55																			76	76	887	1732				
75/ 56																			17	17	321	951				
76/ 57																			2	2	60	503				
77/ 58																					13	178				
78/ 59																					3	48				
79/ 60																						8				
80/ 61																						1				
TOTAL																			5728	5729	5728	5728				
USE WITH CAUTION SEE FIRST PAGE																										
Element (X)	Σ x'		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.	348376.1		43876.1		76.6		8.847		5728		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb	385714.3		46967.7		82.1		3.427		5729						720.0		717.6		556.4		.4		720			
Wet Bulb	335515.3		4367.1		76.3		2.351		5728						719.6		676.1		38.6				720			
Dew Point	312844.7		4230.9		73.9		2.772		5728						712.8		507.7		2.4				720			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

AD-A102 396 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATRICK AFB, COCOA BEACH, FLORIDA. REVISED UNIFORM SUMMARY OF S--ETC(U)
APR 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PATRICK AFB, COCOA BEACH, FLORIDA. REVISED UNIFORM SUMMARY OF S--ETC(U)
APR 81

UNCLASSIFIED USAFETAC/DS-81/050 SRIE-AD-E850 083 NI

SRIE-AD-E850 083 NL

NL

5 16 5

20
AUG 1966

DATE

(c) (5) DPP

PSYCHROMETRIC SUMMARY

YEARS

OCT
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1-667 PATRICK AFB FL
STATION STATION NAME

71-74, 76

YEARS

OCT

PAGE 1

2319-0530
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1. 67	PATRICK AFR FL
STATION	STATION NAME

71-81

YEARS

GCT

MONTH

PAGE 1

7600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>12667</u>	<u>PATRICK AFB FL</u>
STATION	STATION NAME

71-85

YEARS

OCT
MONTH

PAGE 1

7900-110
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

10-67
STAT

PATRICK AFB FL

71-80

YEARS

OCT
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point				
57/ 80								.1										3	3					
58/ 87						.4	1.1	.3										17	17					
66/ 81				.4	1.1	2.5	1.5	.6	.1									82	82					
47/ 83		.1	.4	4.4	5.2	2.9	2.4	.6	.2									151	151					
61/ 81		.3	2.4	5.3	6.2	6.5	1.3	2.2	.3	.1								235	235	1	1			
62/ 79		.4	2.2	3.4	5.5	4.3	3.3	1.8	.6									207	207	22	3			
75/ 77		1.2	1.4	1.4	1.7	1.9	2.3	1.1	.6									109	109	125	24			
76/ 75		.2	1.4	.6	1.3	.6	1.1	.1	.2	.1								58	58	168	97			
74/ 73		.2	1.1	.4	.3	.2	.3	.5										34	34	187	117			
77/ 71			.1	.1	.1	.5	.2	.3	.2	.2								18	18	140	127			
77/ 69						.1	.3	.1										5	5	87	137			
63/ 67							.2	.3	.3	.1								9	9	82	107			
66/ 65						.1		.1										2	2	40	61			
64/ 63																				28	52			
62/ 61																				22	54			
61/ 60																				6	48			
61/ 57																					8			
56/ 55																					6			
64/ 52																					7			
62/ 51																					1			
57/ 49																								
43/ 47																					5			
46/ 45																					7			
44/ 43																					5			
62/ 41																					2			
41/ 40																					4			
35/ 37																					3			
27/ 31																					1			
TOTAL		2.5	2.5	16.52	24.3	20.3	14.4	9.2	2.8	.5								930	930	930	930			
																	</							

PSYCHROMETRIC SUMMARY

12-67	PATRICK AFB FL
STATION	STATION NAME

71-30

YEARS

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

1800-2000
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

(OL A)

FORM 44

USAFETAC

PSYCHROMETRIC SUMMARY

1-67
STATION

WATKINS AFB FL STATION NAME

71-57

YEARS

OCT
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
1 167	MAIRICK AFB FL	71-80	OCT

PAGE 1 ALL
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

1 67	PATRICK AFB FL
STATION	STATION NAME

71-73, 77

YEARS

NOV
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70 / 70		.7	1.5															6	6					
71 / 71	.7	1.5	1.5															20	20	8				
72 / 72	1.5	4.3	1.5	1.1	2.2													34	34	15				
73 / 73	1.6	5.9	2.6	1.5	1.1													45	45	37				
74 / 74	2.5	4.4	.4	1.5	4.4	.4												44	44	35				
75 / 75	2.5	3.3	.2	.4	1.5													38	38	42				
76 / 76	1.5	.4	.7	.4	1.5													18	18	26				
77 / 77	1.5	1.3	.7	.7	.7													16	16	20				
78 / 78		1.5	.4															5	5	23				
79 / 79		.4	.4	1.5	.4													7	7	15				
80 / 80		1.3	1.5	.4														14	14	11				
81 / 81		2.5	1.5															13	13	14				
82 / 82		.7	.7		1.1													7	7	16				
83 / 83			1.1															3	3	6				
84 / 84		.4																1	1	2				
85 / 85																				4				
86 / 86																				7				
87 / 87																				2				
88 / 88																				3				
89 / 89																				1				
90 / 90																				1				
91 / 91																				2				
TOTAL	22.5	32.5	17.7	9.5	17.7	.4												271	271	271				
							</																	

USE WITH CAUTION
SEE FIRST PAGE

FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

10-67 STATION MATRIC. AFB FL 71-77 YEARS NOV MONTH PAGE 1 0800-1500 HOURS (L, S, T.)

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

<u>1-67</u>	<u>REPORT OF</u>	<u>STATION NAME</u>
STATION		

71-8

YEARS

NOV
MONTH

PAGE 1 7620-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1. 07	ATINCA AFB FL
STATION	STATION NAME

'1-5'

YEARS

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

GENERAL CLIMATE DATA
 USAFETAC
 AIRCRAFT SERVICE / 11

PSYCHROMETRIC SUMMARY

11/67 STATION NAME: FAIRBORN AF FL 71-81 YEARS: NOV MONTH: 12/67-1400
 STATION: STATION NAME: YEARS: MONTH: 12/67-1400
 PAGE 1 12/67-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
67/47				.1				.4	.2									4	4				
67/46				.3	1.		.7	.4	.2	.1								36	39				
67/45			1.	1.	3.	3.	.7	.4	.1									93	93				
67/44		.3	1.1	2.4	4.2	6.												126	126	1			
71/47		.4	1.3	3.1	5.	3.4	1.7	.7										173	173	25	6		
71/46	.1	1.7	1.7	2.7	4.4	2.7	1.	.7	.1									126	126	61	26		
71/45		.6	1.5	1.3	1.3	1.3	.7	.9	.1									79	79	127	47		
71/44	.2	.6	1.3	1.1	1.3	1.6		.7	.2									79	79	125	43		
71/43	.2	.2	.6	.7	.6	1.2	.7	.4	.4	.2								50	50	146	88		
71/42	.1	.4	1.3	.7	.6	1.1	.3	.4	.1	.2								46	48	85	105		
67/41			.3	.6	.4	.4	.7	.4	.1	.2								23	23	65	93		
67/40			.1	.6	.4	.9		.1	.1									23	23	51	92		
67/39			.1	.1	.1	.3	.4	.4										13	13	54	61		
67/38				.1	.1	.2	.2											8	8	44	43		
67/37			.1		.1	.1	.1	.1										5	5	78	56		
67/36				.1	.1	.3												5	5	26	32		
67/35			.1															1	1	12	27		
67/34		.6																5	5	12	33		
67/33			.1															1	1	17	27		
67/32																				6	18		
67/31																				4	21		
67/30																					11		
67/29																					6		
67/28																					4		
67/27																					3		
67/26																					3		
67/25																					1		
TOTAL	.4	5.1	11.4	16.2	25.6	22.8	12.1	5.1	2.1	.7								900	900	900	900		
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	4664396		59354		65.9		13.774		900		≤ 0 F		≤ 32 F		≤ 57 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb	5179255		67393		74.9		6.440		900						81.6		63.9		20.5				90
Wet Bulb	4111541		56439		67.2		6.983		900						57.0		21.4		.1				90
Dew Point	3569401		56337		62.3		9.458		900		.7				35.5		7.9						90

USAFETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 01 14TH ICG AFB FL 71-31 YEARS NOV
STATION STATION NAME MONTH

PAGE 1 1960-1701
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
87-88					.1	.4	.7	.9	.1									6	6						
87-89					.1	.4	.7	.9	.1									13	13						
87-90					.1	.4	.7	.9	.1									56	56						
87-91		.1	.4	.7	.9	.1	.4	.7	.9									108	108						
87-92		.1	.4	.7	.9	.1	.4	.7	.9									139	139	12	9				
87-93		.1	.4	.7	.9	.1	.4	.7	.9									157	157	65	25				
87-94		.1	.4	.7	.9	.1	.4	.7	.9									123	123	102	52				
87-95		.1	.4	.7	.9	.1	.4	.7	.9									83	83	136	79				
87-96		.1	.4	.7	.9	.1	.4	.7	.9									61	61	135	69				
87-97		.1	.4	.7	.9	.1	.4	.7	.9									56	56	97	117				
87-98		.1	.4	.7	.9	.1	.4	.7	.9									71	31	68	92				
87-99		.1	.4	.7	.9	.1	.4	.7	.9									22	22	64	91				
88-00		.1	.4	.7	.9	.1	.4	.7	.9									12	12	49	51				
88-01		.1	.4	.7	.9	.1	.4	.7	.9									19	19	46	54				
88-02		.1	.4	.7	.9	.1	.4	.7	.9									7	7	48	58				
88-03		.1	.4	.7	.9	.1	.4	.7	.9									1	1	19	33				
88-04		.1	.4	.7	.9	.1	.4	.7	.9											12	28				
88-05		.1	.4	.7	.9	.1	.4	.7	.9									5	5	14	37				
88-06		.1	.4	.7	.9	.1	.4	.7	.9									1	1	13	21				
88-07		.1	.4	.7	.9	.1	.4	.7	.9											14	23				
88-08		.1	.4	.7	.9	.1	.4	.7	.9											6	9				
88-09		.1	.4	.7	.9	.1	.4	.7	.9												6				
88-10		.1	.4	.7	.9	.1	.4	.7	.9												6				
88-11		.1	.4	.7	.9	.1	.4	.7	.9												12				
88-12		.1	.4	.7	.9	.1	.4	.7	.9												2				
88-13		.1	.4	.7	.9	.1	.4	.7	.9												2				
88-14		.1	.4	.7	.9	.1	.4	.7	.9												2				
88-15		.1	.4	.7	.9	.1	.4	.7	.9												1				
TOTAL	1.7	6.1	11.1	21.0	27.3	17.3	8.4	3.1	1.4	.8								900	900	900	900				
																						900	900		
Element (X)	Σ X ²			Σ X			Σ			No. Obs.			Mean No. of Hours with Temperature							Total					
Rel. Hum.	4345679			61183			63.7			900			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb	4333117			66427			73.8			900					90.2	60.2	12.8		90						
Wet Bulb	446573			66427			66.7			900					54.7	17.9			90						
Dew Point	35428			5548			62.1			900					35.1	8.6			90						

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>1. 6. 1</u>	<u>1. 6. 2</u>
STATION	STATION NAME
	PATRICK AFB FL

71-81

YEARS

NOV
MONTH

PAGE 1 1876-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
7 / 74				.1	.1	.1	.1											3	3					
7 / 75		.1	.1	.1	.1	.1	.1											52	52					
7 / 77	.1	.2	.1	.2	.1													91	91	4	2			
7 / 78	.1	.2	.1	.2	.1	.1	.1											137	137	44	20			
7 / 79	.1	.2	.1	.2	.1	.1	.1											173	173	101	55			
7 / 81	.1	.2	.1	.2	.1	.1	.1	.1										124	124	106	78			
7 / 82	.1	.2	.1	.2	.1	.1	.1	.1										69	69	137	92			
7 / 83		.1	.1	.1	.1	.1	.1	.1										71	71	115	103			
7 / 84		.1	.1	.1	.1	.1	.1	.1										41	41	74	98			
7 / 85		.1	.1	.1	.1	.1	.1	.1										41	41	79	82			
7 / 86			.1	.1	.1	.1	.1	.1	.1									36	36	36	61			
7 / 89		.1	.1	.1	.1	.1	.1	.1	.1	.1								21	21	53	48			
7 / 91		.1	.1	.1	.1	.1	.1	.1	.1	.1								13	13	39	49			
7 / 95			.1	.1	.1	.1	.1	.1	.1	.1								17	17	35	35			
7 / 97			.1	.1	.1	.1	.1	.1	.1	.1								4	4	19	45			
7 / 98			.1	.1	.1	.1	.1	.1	.1	.1								3	3	12	32			
7 / 99		.1																2	2	19	20			
8 / 47																				11	19			
8 / 48																				11	7			
8 / 49																				3	6			
8 / 41																					14			
4 / 77																					5			
7 / 27																					9			
7 / 35																					3			
34 / 73																					6			
7 / 38																					5			
7 / 40																					2			
7 / 42																					2			
7 / 43																					1			
TOTAL	7.7	13.8	21.6	26.6	21.6	9.6	7.1	.2	.2										898		898			
																		898		898				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	506.463		665.11		74.1		13.325		898		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	40764.15		5308.1		71.1		5.383		898						72.2		45.7		2.8				90	
Wet Bulb	393.092		590.60		65.8		7.146		898						50.8		14.9						90	
Dew Point	35486.31		558.11		62.2		9.441		898				1.0		35.1		7.7						91	

PSYCHROMETRIC SUMMARY

1	67	100	ICP	AF	FL
STATION		STATION NAME			

71-5'

YEARS

NOV
MONTH

PAGE 1 21C-2300
HOURS (L-S-Y.)

[illegible]

PSYCHROMETRIC SUMMARY

1061 MADISON, FL
STATION STATION NAME

71-5

YEARS

NOV

MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point									
67 / 67				.1	.1		.1	.1	.1									10	10										
66 / 66				.1	.1	.2	.1	.1	.1	.1								5	5										
65 / 65				.1	.1	.4	.1	.1	.1									196	196										
64 / 64		.4	1.1	.1	.1	1.5	.1	.1										433	433										
7 / 77	.1	1.4	1.1	2.5	1.1	1.2		.1	.1									667	667	81	41								
68 / 76	.4	2.8	1.2	3.6	2.1	1.2	.6	.1										836	836	287	132								
69 / 72	1.1	2.9	1.2	3.6	1.7	1.6	.3	.1	.1									801	801	664	366								
70 / 71	1.4	2.1	1.5	1.7	2.6	1.1	.1	.1	.1									672	672	739	532								
71 / 69	1.1	1.2	1.3	1.4	1.1	.8	.1	.1	.1	.1								515	515	832	576								
62 / 67	.2	.9	1.4	1.1	1.4	.8	.1	.1	.1									402	402	678	638								
63 / 65	.8	.8	.6	.6	.7	.1	.1	.1	.1	.1								254	254	492	590								
64 / 62	.1	.7	.6	.6	.1	.1	.1	.1	.1	.1								224	224	431	540								
65 / 61	.1	.3	.1	.6	.1	.3	.1	.1	.1	.1								176	176	301	367								
66 / 59		.1	.1	.1	.1	.1	.1	.1	.1	.1								152	152	282	304								
67 / 57	.1	.6	.1	.4	.1	.2	.1	.1										124	124	237	332								
58 / 65	.1	.4	.3	.3	.4	.3	.1	.1										100	100	200	261								
61 / 60		.1	.2	.1	.1	.2	.1											52	52	143	208								
62 / 61		.2	.1	.1	.1													39	39	105	194								
63 / 60		.1		.1	.1													14	14	108	150								
64 / 67				.1														5	5	78	104								
65 / 65																		2	2	43	77								
64 / 63																				21	63								
62 / 61																				6	59								
61 / 60																					46								
60 / 59																					31								
59 / 58																					31								
58 / 57																					21								
57 / 56																					8								
56 / 55																					6								
55 / 54																					2								
54 / 53																					2								
TOTAL	1.1	15.2	17.7	21.5	21.3	11.1	4.4	1.5	.6	.2	USE WITH CAUTION SEE FIRST PAGE								5729	5729	5729	5729							
Element (X)	ΣX'			ΣX			Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature																		
Rel. Hum.	32706701			424367			74.1	14.9	4	5729	± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total						
Dry Bulb	29583761			479.54			71.5	6.764	5729						576.5		376.8		59.7				720						
Wet Bulb	25259345			378151			66.8	7.228	5729						412.5		129.8		.1				720						
Dew Point	22798300			357442			62.4	9.315	5729				4.9		287.2		67.7						720						

PSYCHROMETRIC SUMMARY

<u>1 67</u>	<u>PAIDICK AFB FL</u>
STATION	STATION NAME

72-74

YEARS

DEC
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

[illegible]

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE (AWC)

PSYCHROMETRIC SUMMARY

1967 PATRICK AFB FL 76-77 YEARS DEC
STATION MONTH
PAGE 1 7300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
71/7	.5	1.5	.7	1.1														13	13	3	3
74/7	.5	2.4	1.7	2.2	.5													28	28	13	4
77/71	.5	1.5	1.7	1.7														29	29	23	21
77/64	.5	1.3	1.2	.2	1.7													42	42	36	31
77/67	1.5	3.2	.7	.5		.5												50	50	40	32
76/61	1.7	7.3	.5	1.1														49	49	52	43
74/57	.5	5.4		1.9	.5	.3												42	42	50	53
77/52	.5	2.3	1.3															19	19	30	21
77/55	.5	3.7	.5	.7		.3												17	17	28	29
77/57	.5	2.4																10	10	12	16
77/57	.5	1.3	.7		.7													10	10	15	21
77/71	1.1	2.2	1.1															16	16	16	18
77/41	.5	.9	1.1			.1												11	11	7	15
77/40	.5	.2	1.3	.3		.7												8	8	11	4
77/47		.5																2	2	3	10
77/48	.5	.5	.7	.5														10	10	12	9
74/42		.3		1.5														7	7	1	4
77/41			.5															3	3	5	2
77/37		.7	.5															4	4	8	6
77/37			.5															2	2	5	1
77/75																				3	3
77/72																				2	2
77/72																					4
77/72																					1
77/72																					9
77/25																					1
TOTAL	27.4	36.3	17.5	11.5	4.2	2.4												372	372	372	372
USE WITH CAUTION SEE FIRST PAGE																					
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2821.517	32459	87.3	13.037	372	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	1529.8	23042	63.6	8.447	372			40.5	10.2			93									
Wet Bulb	1425.764	22790	61.3	8.928	372			28.0	3.2			93									
Dew Point	1357.853	22142	59.5	10.375	372		3.7	22.7	1.7			93									

GLOBAL CLIMATOLOGY BRANCH
USAF STAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

1967 PATRICK AFB FL 70-70 YEARS MONTH DEC

PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																			
75				.1														1	1																				
74			.1		.1													3	3																				
73		.1	.6	.7	.4	.6	.4	.7										26	26		2											2							
72		.1	1.2	1.3		.5	.5	.1										36	36		13											5							
71	.1	1.2	2.7	2.4	1.1	1.1	.1											64	64		33											24							
70	.2	1.9	3.1	1.2	.7	.1												76	76		59											52							
69	.4	2.8	3.3	.8	1.1	.1												70	70		67											51							
68	.6	3.8	3.7	1.1	.1	.1												32	82		71											58							
67	.8	4.3	.2	1.1	.1	.1												83	33		97											86							
66	.9	3.2	1.7	1.3														51	51		75											54							
65	.7	3.5	.5	.3														37	37		67											68							
64	.9	2.2	.2	.3	.4													30	30		45											63							
63	.1	2.4	1.7	.8														38	38		28											60							
62		1.6	1.0	.5	.7													32	32		31											24							
61	.1	1.2	1.2	.3	.4													31	31		31											34							
60		.4	.5	1.1	.1	.1												17	17		29											18							
59		.3	.4	.5	.1	.7												12	12		13											27							
58		1.1	.3	.1	.													23	23		22											20							
57					.7													10	10		16											10							
56				.7	.1													12	12		10											19							
55				.3														6	6		14											4							
54																		2	2		14											16							
53																		2	2		7											13							
52																					5												4						
51																																	7						
50																																	10						
49																																	9						
48																																	6						
TOTAL	1	.6	34.5	27.4	13.7	6.7	2.7	.4										744	744		744											744							
																						USE WITH CAUTION SEE FIRST PAGE																	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

1 67	INDICr AFs FL	7L-70	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 C950-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
67 / 80																		1	1																	
7 / 81																		9	9																	
7 / 74			.4	1.1	.4	.5	.2											25	25																	
7 / 77		.1	1.3	1.1	1.2	.2	.5	.1										44	44	1																
7 / 74		1.2	1.3	3.2	1.2	1.3	.2	.1										97	37	9	3															
74 / 73	.1	2.4	2.4	2.4	2.7	.4	.1											95	95	50	21															
7 / 71	.1	1.9	2.3	2.4	2.1	.5												97	97	75	49															
7 / 65	.1	2.9	4.5	2.1	1.4	.1												106	106	93	74															
7 / 67	.1	1.4	3.4	1.4	.9	.5	.2											95	35	104	72															
66 / 65	.1	1.9	1.7	2.1	.5	.2	.2											63	63	111	82															
47 / 67	.1	1.4	1.1	1.6	.4	.2		.1										53	53	93	79															
7 / 61		1.1	1.2	1.3	.1	.4	.1	.1										48	48	67	110															
7 / 59	.1	1.2	1.3	.3	.2	.1	.2											47	47	51	64															
7 / 57		1.4	.5	1.3	.2	.2	.1											41	41	48	60															
5 / 56		.9	.4	1.2	.4	.7												30	30	41	59															
47 / 53		.1	1.1	.6	.4	.2	.2											25	25	36	43															
7 / 51	.1	.4	.2	.1	.1	.2												12	12	29	27															
5 / 48	.1	.2	.5	.2	.1	.4												23	23	30	19															
47 / 47			.1	.1	.2	.2												17	17	19	31															
47 / 45			.5	.2	.1	.1												13	13	17	25															
44 / 42			.1	.1	.1													5	5	15	15															
32 / 41			.1															2	2	19	18															
4 / 36			.1															1	1	12	15															
1 / 37			.1															1	1	3	12															
7 / 30																				2	18															
34 / 22																					8															
7 / 21																					9															
17 / 20																					11															
7 / 17																					3															
14 / 25																					2															
74 / 23																					1															
72 / 61																					1															
TOTAL		18.0	27.1	25.5	15.7	5.7	2.7	.2										930	930	930	930															
Element (X)	Σ X²			Σ X		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	5478979			70255		75.5		13.595		930		≤ 0 F		≤ 32 F		≥ 47 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb	4192272			61932		66.6		8.556		930						54.9		26.1		1.6				93												
Wet Bulb	3628446			57566		61.8		8.846		930						33.2		6.0						93												
Dew Point	3268797			54219		58.3		10.774		930				2.9		21.9		2.4						93												

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
1-61	STATION 1-61

7L-70

YEARS

DEC
MONTH

PAGE 1

1400-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

167
STATION

PATRICK, AFE FL

STATION NAME

74-77

YEARS

DEC

MONTH

PAGE 2

1200-1400

1200 1200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1 67	ANTHONY ARDILL	70-70	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 15 0-1700
HOURS (L. S. T.)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW/M

1	PATRICK AF FL	70-79	DEC
STATION	STATION NAME	YEARS	MONTH
			PAGE 2
			1500-1700
			HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
111	.	1.0	.1	.	2.0	2.1	1.1	1.6	2.0	1.7	.3							930	937	930	930														

PSYCHROMETRIC SUMMARY

1007	WILSON AFB FL
STATION	STATION NAME

74-74

YEARS

UEC
MONTH

PAGE 1

1800-2000
HOURS (L - S - T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
7 / 77				.5														1	1					
7 / 78				.5														8	3					
7 / 77			.3	1.1	.2	1.												27	27					
7 / 78			1.5	1.5	1.		.5	.7										61	61	5	3			
7 / 77		.5	2.4	1.3	2.5	1.5	.5											124	124	52	19			
7 / 78		.5	3.3	2.5	4.2	1.7	.4											144	144	58	60			
7 / 79		.5	2.2	3.7	2.2	1.7	.1											117	117	95	55			
7 / 77		.5	1.3	3.1	2.2	1.7	.5											94	94	120	83			
7 / 78		.5	1.5	1.2	2.5	1.	.3	.4	.1									78	78	122	105			
7 / 78		.5	1.5	.9	1.3		.4	.1										55	55	82	89			
7 / 81			1.3	1.2	1.3	1.	.5			.1								51	51	74	84			
7 / 79			.6	1.4	1.7		.2	.2	.1									48	48	60	55			
7 / 77	.1	.5		.6	1.1	1.1	.6											38	38	42	63			
7 / 78		.5		1.4			.2											34	34	36	52			
7 / 81			.5	1.5	.4	.3	.3	.7										24	24	39	39			
7 / 82		.1		.3	.4	.4	.3	.2										18	18	73	27			
7 / 84				.1	.1	.3												7	7	36	35			
7 / 87		.5		.4	1.	.2												18	18	23	19			
7 / 87		.5		.1														3	3	14	23			
7 / 87																				12	32			
7 / 91																				12	26			
7 / 91																				12	1			
7 / 87																				1	7			
7 / 78																					11			
7 / 77																					17			
7 / 78																					4			
7 / 79																					5			
7 / 87																					8			
7 / 85																					2			
7 / 83																					2			
7 / 81																					1			
TOTAL	12.4	22.9	24.6	15.1	6.6	1.2	.3											930	930	930	930			
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total			
Rel. Hum.	6522008		76707		76.0		13.7		930		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	4185485		62637		65.7		7.227		930						55.6		20.1		.2				93	
Wet Bulb	3649965		57761		62.1		8.203		930						33.0		5.7						93	
Dew Point	330011		54537		58.6		10.223		930				2.2		22.0		2.2						93	

LOCAL COUNCIL OF FRANCE
CLASSIFIED
AT NATIONAL SERVICE ARCHIVE

1737	PATRICK AFB FL	71-79	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

[illegible]

U.S. AIR FORCE
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

1 67 STATION 14511 STATION NAME 70-70 YEARS DEC
MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL											
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point									
70																		6	6											
71																		18	18											
72																		51	51											
73																		150	150											
74																		242	242	2	1									
75																		475	475	60	23									
76																		628	628	321	116									
77																		756	756	463	354									
78																		691	691	629	442									
79																		577	577	724	530									
80																		502	502	720	612									
81																		420	422	613	635									
82																		316	316	505	528									
83																		249	249	353	425									
84																		226	226	287	401									
85																		228	228	270	372									
86																		162	162	249	249									
87																		137	137	199	214									
88																		89	89	192	174									
89																		75	75	133	167									
90																		68	68	172	171									
91																		30	30	69	110									
92																		22	22	98	122									
93																		14	14	76	72									
94																		5	5	31	70									
95																		2	2	15	74									
96																				7	54									
97																					67									
98																					48									
99																					49									
100																					16									
101																					7									
102																					7									
103																					5									
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ									
Rel. Hum.																														
Dry Bulb																														
Wet Bulb																														
Dew Point																														
																	Mean No. of Hours with Temperature													
																	≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	

USAFETAC 0-26-5 (OL A) NORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1 67	DATA ICR AFB FL
STATION	STATION NAME

7 - 76

YEARS

DEC
MONTH

PAGE 2

ALL

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1-67	PATRICIA AEL FL
STATION	STATION NAME

75-3

YEARS

ALL
MONTH

+ AGE ?

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

PAGE 2 ALL

[illegible]

MEANS AND STANDARD DEVIATIONS

RY--JUL TEMPERATURES CEN F FROM HOURLY OBSERVATIONS

1 67 CATHOLIC CH. FL

7 - 51

5. Δ^2 Δ^2 Δ^2

$$S^*A^* \subset N \cap A^*B^*$$

YEARS

HRS	1ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1-2	MEAN	75.5	75.7	78.1	79.7	73.8	70.7	78.7	78.5	79.2	76.1	69.6	54.8	71.8
	S.D.	7.7	8.1	6.3	5.0	5.0	2.5	1.7	2.2	3.4	4.2	6.2	8.2	8.2
	TOTAL OBS.	370	348	270	316	281	270	271	278	274	277	271	373	3706
-	MEAN	75.7	75.4	78.3	78.2	72.5	75.9	77.3	77.6	78.4	75.1	68.4	63.6	69.8
	S.D.	7.3	8.2	6.7	5.3	3.5	2.4	1.6	2.1	2.2	4.6	6.4	5.4	6.5
	TOTAL OBS.	370	341	370	319	287	274	284	286	275	280	270	372	3732
-	MEAN	75.7	75.2	75.6	79.3	74.8	78.1	79.7	78.2	79.5	74.3	66.1	62.4	71.7
	S.D.	7.1	6.6	6.4	5.9	3.2	2.6	2.4	2.6	2.7	5.0	7.2	8.7	9.4
	TOTAL OBS.	340	360	377	77	228	90	93	93	909	912	693	744	9899
-11	MEAN	64.1	62.9	70.5	75.1	75.6	82.5	84.0	84.2	83.4	78.3	72.1	66.6	75.4
	S.D.	9.6	8.6	6.6	4.2	3.1	3.0	2.5	2.2	2.6	4.3	6.8	8.5	9.5
	TOTAL OBS.	340	342	320	90	370	900	930	930	899	930	900	930	10950
1-14	MEAN	61.6	66.9	70.7	77.2	76.1	83.9	85.4	85.5	85.0	80.3	74.9	70.3	77.8
	S.D.	9.9	8.2	6.4	4.9	3.6	3.5	3.1	2.4	2.5	3.6	6.3	7.5	8.5
	TOTAL OBS.	340	343	320	90	900	930	930	930	897	930	900	930	10950
-17	MEAN	60.2	60.8	73.0	76.5	79.8	82.7	84.1	84.3	83.7	79.2	73.8	69.7	76.9
	S.D.	8.2	7.7	6.1	4.9	3.7	3.7	3.6	3.8	2.9	3.6	5.8	7.3	8.1
	TOTAL OBS.	370	345	370	899	930	899	930	930	897	930	930	930	10950
-	MEAN	64.0	73.5	78.5	73.7	77.3	80.2	81.5	82.1	81.4	76.3	71.1	66.7	74.1
	S.D.	7.4	7.7	6.6	4.6	3.1	3.3	3.1	2.7	2.7	3.6	5.9	7.2	8.2
	TOTAL OBS.	340	346	370	900	930	900	930	930	897	930	898	930	10951
1-20	MEAN	60.2	61.4	63.4	72.2	75.9	78.8	80.1	80.7	80.5	76.1	70.0	65.3	72.0
	S.D.	7.7	7.7	5.7	4.3	2.9	2.9	2.6	2.5	2.6	4.0	6.4	7.7	8.7
	TOTAL OBS.	320	338	899	834	714	600	715	714	690	740	697	930	9590
ALL HOURS	MEAN	64.9	63.0	69.9	73.7	77.7	80.7	82.2	82.4	82.1	77.4	71.5	66.7	74.3
	S.D.	8.1	6.6	6.7	5.6	4.2	4.0	3.7	3.5	3.4	4.6	6.7	8.2	9.1
	TOTAL OBS.	6100	5575	6139	5838	5929	5733	5928	5929	5729	5921	5729	6139	70728

**USE WITH CAUTION
SEE FIRST PAGE**

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-DULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1 67 PATRICK AFB FL

70-80

STATION	STATION NAME	YEARS													
HRG. ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
-	MEAN	57.1	57.1	58.1	65.0	69.3	73.3	75.4	75.9	75.4	72.6	66.7	62.2	67.6	
-	S D	4.40	5.963	6.564	6.490	4.257	2.204	1.460	1.887	2.209	4.093	6.833	8.545	8.597	
-	TOTAL OBS	375	340	371	315	281	275	278	279	274	279	271	373	3705	
-	MEAN	61.1	58.2	62.2	64.2	63.7	73.3	75.1	75.6	75.0	72.6	65.9	61.3	66.9	
-	S D	5.81	9.380	7.145	6.632	4.309	2.300	1.434	1.830	2.245	4.340	6.889	8.928	8.902	
-	TOTAL OBS	37	341	370	319	287	274	284	266	275	280	270	372	3732	
-	MEAN	57.4	55.3	61.9	64.7	71.0	73.8	75.3	75.8	75.3	69.6	64.4	59.5	67.6	
-	S D	11.311	9.884	7.127	5.835	4.336	2.515	2.027	2.269	2.344	5.481	7.664	9.174	9.346	
-	TOTAL OBS	74	630	777	777	926	900	930	930	899	902	693	744	9896	
-11	MEAN	59.5	57.6	64.3	66.7	71.8	75.7	77.2	77.5	77.0	71.4	66.2	61.8	69.0	
-11	S D	11.859	9.510	7.259	5.612	3.536	2.404	1.898	1.934	2.236	5.157	7.384	8.840	9.318	
-11	TOTAL OBS	90	740	925	900	929	900	929	930	899	930	900	930	10946	
-14	MEAN	61.3	58.4	65.2	67.4	72.4	76.2	77.8	78.1	77.5	71.9	67.2	63.5	69.9	
-14	S D	11.617	9.21	6.548	5.419	3.908	2.614	2.062	1.993	2.029	4.980	6.903	8.149	8.729	
-14	TOTAL OBS	90	740	93	900	930	900	930	930	897	930	900	930	10946	
-17	MEAN	61.3	58.4	65.1	67.3	72.3	75.5	77.1	77.3	76.9	71.4	66.7	63.4	69.5	
-17	S D	11.335	9.751	6.415	5.270	3.801	2.663	2.452	2.336	2.149	4.841	6.935	8.019	8.455	
-17	TOTAL OBS	90	745	93	899	930	899	930	930	897	930	900	930	10950	
-21	MEAN	59.0	56.1	64.0	66.4	70.9	74.3	75.7	76.2	75.8	70.4	65.8	62.1	68.3	
-21	S D	9.443	6.638	6.548	5.57	3.847	2.636	2.472	2.257	2.187	4.958	7.146	8.203	8.560	
-21	TOTAL OBS	90	746	93	900	930	900	930	930	897	930	898	930	10951	
-23	MEAN	59.3	56.9	63.4	65.9	70.3	73.8	75.2	75.8	75.6	70.5	65.3	61.4	67.1	
-23	S D	9.776	6.793	6.596	5.646	3.860	2.441	2.172	2.219	2.186	4.952	7.326	8.450	8.957	
-23	TOTAL OBS	929	637	699	634	714	690	714	714	690	740	697	930	9588	
ALL HOURS	MEAN	60.1	57.7	63.9	66.2	71.1	74.8	76.3	76.7	76.3	71.0	66.0	62.0	68.5	
ALL HOURS	S D	9.871	9.191	6.906	5.731	4.060	2.743	2.357	2.328	2.351	5.062	7.228	8.577	8.936	
ALL HOURS	TOTAL OBS	6134	5569	6139	5638	5926	5733	5925	5929	5728	5921	5729	6139	75714	

USE WITH CAUTION
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USAFETAC FORM 0 89 5 (OLA)

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1-67 PATRICK AFB FL

70-80

STATION		STATION NAME												YEARS											
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
MEAN		55.1	53.9	55.4	61.2	66.7	71.8	74.2	74.9	73.9	70.9	64.9	61.4	65.5											
S D		11.179	11.179	9.573	8.513	5.794	2.414	1.766	1.995	2.702	4.632	8.365	9.926	9.929											
TOTAL OBS		372	340	372	316	281	276	278	279	274	279	271	373	3705											
MEAN		50.2	53.4	59.4	61.3	66.5	71.6	73.8	74.6	73.6	70.3	64.3	59.5	65.1											
S D		11.441	11.619	9.130	8.698	5.654	2.474	1.659	2.060	2.730	4.777	8.004	10.375	10.236											
TOTAL OBS		372	341	372	319	287	274	284	286	275	280	270	372	3732											
MEAN		54.5	52.7	59.1	61.3	67.4	71.8	73.4	73.9	73.4	67.0	61.8	57.1	65.2											
S D		11.728	11.699	9.192	7.737	5.340	3.173	2.458	2.816	2.837	6.926	9.188	10.777	10.560											
TOTAL OBS		74	680	777	770	926	900	921	920	899	902	693	744	9896											
MEAN		55.6	52.9	59.7	61.4	67.8	72.6	74.4	74.8	74.3	67.7	62.5	58.3	65.2											
S D		12.455	12.250	9.752	8.802	5.599	3.220	2.422	2.549	2.831	6.994	9.303	10.774	11.043											
TOTAL OBS		92	840	929	900	929	900	929	930	899	930	900	930	10946											
MEAN		55.7	57.1	59.4	61.3	67.9	73.1	74.7	75.1	74.4	67.4	62.3	58.7	65.3											
S D		12.501	12.644	9.814	8.083	5.821	3.387	2.600	2.694	2.693	7.323	9.456	10.848	11.171											
TOTAL OBS		929	840	930	920	932	900	930	930	897	930	900	930	10946											
MEAN		55.8	53.2	59.9	61.5	67.9	72.4	74.2	74.5	74.1	67.2	62.1	58.8	65.2											
S D		12.231	12.553	9.111	7.871	5.614	3.384	2.895	2.899	2.709	7.104	9.705	10.947	10.928											
TOTAL OBS		929	845	930	899	930	899	930	930	897	930	900	930	10950											
MEAN		55.7	53.1	59.9	61.7	67.5	71.7	73.2	73.7	73.4	66.9	62.2	58.6	64.8											
S D		12.664	11.934	9.91	7.965	5.622	3.273	2.798	2.861	2.705	6.905	9.441	10.523	10.520											
TOTAL OBS		930	846	930	900	930	900	930	930	897	930	898	930	10951											
MEAN		55.4	52.9	60.7	61.7	67.3	71.4	73.1	73.7	73.4	67.4	62.1	58.5	64.0											
S D		12.301	11.331	9.547	7.774	5.502	3.047	2.660	2.832	2.684	6.662	9.320	10.382	10.626											
TOTAL OBS		929	837	899	834	714	690	714	714	690	740	897	930	9588											
MEAN		56.1	53.0	59.7	61.5	67.6	72.1	73.9	74.3	73.9	67.6	62.4	58.6	65.0											
S D		12.735	12.009	9.212	7.987	5.612	3.232	2.638	2.766	2.772	6.892	9.315	10.656	10.752											
TOTAL OBS		6134	5569	6139	5238	5926	5733	5925	5929	5728	5921	5729	6139	70714											
ALL HOURS																									

USE WITH CAUTION
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USAFETAC FORM 0895 (OLA)

USAF CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

10 67 PATRICK AFB FL

71-80

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	1-5	100.0	100.0	100.0	100.0	98.4	96.8	91.2	75.3	39.4	86.5	373
	6-10	100.0	100.0	100.0	100.0	99.2	96.5	91.7	80.6	53.0	88.4	372
	11-15	100.0	100.0	100.0	99.6	97.6	92.9	84.0	60.8	31.1	92.9	745
	16-20	100.0	100.0	99.7	97.5	92.4	84.0	66.2	38.4	11.6	74.7	930
	21-25	100.0	99.9	98.4	91.7	84.0	65.7	40.2	16.1	2.7	65.2	929
	26-31	100.0	99.8	98.2	93.5	82.3	66.4	44.5	19.7	3.7	65.9	930
	1-5	100.0	100.0	99.0	95.8	88.8	81.3	65.3	39.4	8.3	73.4	930
	6-10	100.0	100.0	100.0	98.4	94.3	87.0	72.7	45.0	12.7	76.8	929
	11-15											
	16-20											
	21-25											
	26-31											
TOTALS		100.0	100.0	98.9	96.7	92.1	83.8	69.5	46.9	20.3	76.7	6138

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

SPECIAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

11667 PATRICK AFB FL

71-80

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	1-02	100.0	100.0	100.0	99.1	96.5	88.8	76.8	53.5	18.8	78.9	340
	3-05	100.0	100.0	100.0	99.1	96.0	91.2	78.9	57.5	27.6	81.0	341
	5-08	100.0	100.0	100.0	99.7	97.5	92.6	76.9	53.5	22.6	80.2	680
	7-11	100.0	100.0	99.4	96.9	91.7	75.0	53.9	29.3	8.3	71.0	840
	9-14	100.0	100.0	97.1	87.9	76.5	56.2	35.3	15.7	3.1	62.9	840
	11-17	100.0	99.8	96.9	89.0	76.7	59.4	38.9	17.4	3.4	63.6	845
	13-20	100.0	99.9	99.6	95.5	86.2	72.7	55.6	29.2	6.6	70.2	846
	21-23	100.0	100.0	100.0	98.6	93.4	81.5	63.3	39.5	12.3	74.7	837
TOTALS		100.0	100.0	99.1	96.0	89.3	77.2	59.9	37.0	12.8	72.8	5569

USE WITH CAUTION
 SEE FIRST PAGE

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

4A2

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR.	0-12	100.0	100.0	100.0	100.0	98.1	88.2	79.8	61.8	22.3	80.6	372
	13-24	100.0	100.0	100.0	98.9	94.6	89.8	80.1	70.2	41.4	83.5	372
	25-36	100.0	100.0	100.0	99.7	97.2	88.8	75.7	58.4	24.2	80.4	777
	37-48	100.0	100.0	99.6	97.2	89.2	68.6	48.7	22.9	3.7	68.7	929
	49-60	100.0	100.0	97.6	93.5	77.2	55.9	32.8	10.4	.9	62.4	930
	61-72	100.0	99.9	96.4	94.8	82.2	62.6	40.8	16.0	1.3	65.0	930
	73-84	100.0	100.0	99.2	97.3	91.8	76.2	57.7	31.4	5.7	71.5	930
	85-96	100.0	100.0	100.0	99.4	96.3	85.8	67.7	39.4	8.8	75.2	899
	97-108											
	109-120											
	121-132											
	133-144											
TOTALS		100.0	100.0	99.4	97.6	90.8	77.0	60.4	38.8	13.5	73.4	6139

USAFETAC FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

APR

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	1-30	100.0	100.0	100.0	100.0	96.5	88.0	64.0	45.5	15.0	76.5	316
FEB.	1-28	100.0	100.0	100.0	100.0	97.8	84.3	68.3	53.9	30.7	79.5	319
MAR.	1-31	100.0	100.0	100.0	99.7	95.8	81.3	63.6	41.3	13.6	75.3	770
APR.	1-30	100.0	100.0	99.3	96.2	84.0	56.0	32.7	15.3	1.0	63.4	900
MAY	1-31	100.0	100.0	99.6	92.4	71.8	45.9	22.4	5.4	.8	59.1	900
JUN.	1-30	100.0	100.0	98.7	92.7	75.1	50.6	28.5	8.8	.2	60.9	899
JULY	1-31	100.0	99.9	99.4	97.3	88.1	66.7	44.9	19.0	2.0	67.0	900
AUG.	1-31	100.0	100.0	100.0	98.9	93.9	76.6	51.3	24.6	5.2	70.5	834
SEPT.	1-30											
OCT.	1-31											
NOV.	1-30											
DEC.	1-31											
TOTALS		100.0	100.0	99.5	97.2	87.9	68.7	47.1	26.0	9.0	69.0	5338

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

MAY

MONTH

[illegible]

USAFETAC FORM 0-87.5 (OL A)
HH 44

RELATIVE HUMIDITY

JUN

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	6-12	100.0	100.0	100.0	100.0	100.0	100.0	98.5	79.6	9.3	84.7	274
	6-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	84.3	17.9	86.4	274
	16-18	100.0	100.0	100.0	100.0	99.2	98.6	90.7	53.2	8.1	80.9	900
	19-11	100.0	100.0	100.0	100.0	98.9	91.4	68.2	15.0	1.2	72.3	900
	12-14	100.0	100.0	100.0	100.0	97.6	84.3	50.4	10.9	1.7	70.1	900
	15-17	100.0	100.0	100.0	99.9	97.2	86.0	56.1	16.7	1.3	71.5	899
	18-2	100.0	100.0	100.0	100.0	99.4	93.9	74.3	29.2	3.6	75.5	900
	3-23	100.0	100.0	100.0	100.0	99.6	96.8	84.2	43.2	4.8	78.3	690
TOTALS		100.0	100.0	100.0	100.0	99.1	93.9	77.9	41.9	6.0	77.5	5733

USAFETAC FORM 0-87-5 (OL A)
NA 44

RELATIVE HUMIDITY

JUL

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	1-5	100.0	100.0	100.0	100.0	100.0	100.0	99.9	93.9	8.3	85.1	279
	6-10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.3	21.1	87.0	284
	11-15	100.0	100.0	100.0	100.0	100.0	99.7	94.5	55.2	7.2	81.2	930
	16-20	100.0	100.0	100.0	100.0	100.0	94.7	64.2	15.0	.3	72.9	929
	21-25	100.0	100.0	100.0	99.9	98.6	90.3	53.9	10.8	.2	70.8	930
	26-30	100.0	100.0	100.0	100.0	97.7	92.4	60.3	14.7	.4	72.3	930
	31-35	100.0	100.0	100.0	100.0	99.6	97.6	78.9	26.2	1.2	75.8	930
	36-40	100.0	100.0	100.0	100.0	100.0	98.6	88.9	46.1	3.2	79.3	714
	41-45											
	46-50											
	51-55											
	56-60											
	61-65											
	66-70											
	71-75											
	76-80											
	81-85											
	86-90											
	91-95											
	96-100											
	TOTALS	100.0	100.0	100.0	100.0	99.5	96.6	80.1	43.1	5.2	73.1	5925

USAFETAC FORM 0-87-5 (OL A)
JUL 64

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

RELATIVE HUMIDITY

17067 PATRICK AFB FL

71-80

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.1	32.6	88.9	279
	05-10	100.0	100.0	100.0	100.0	100.0	100.0	99.7	95.5	44.8	90.0	286
	10-15	100.0	100.0	100.0	100.0	100.0	99.9	90.0	51.5	12.6	81.0	930
	15-20	100.0	100.0	100.0	100.0	99.9	97.7	63.8	18.8	1.0	73.6	930
	20-25	100.0	100.0	100.0	100.0	99.2	94.1	49.2	13.3	.4	71.3	930
	25-30	100.0	100.0	100.0	99.6	99.7	94.2	55.9	17.1	1.8	72.5	930
	30-35	100.0	100.0	100.0	100.0	99.9	97.8	76.1	29.4	3.7	76.1	930
	35-40	100.0	100.0	100.0	100.0	100.0	99.2	87.4	46.4	6.9	79.5	714
	40-45											
	45-50											
	50-55											
	55-60											
	60-65											
	65-70											
	70-75											
	75-80											
	80-85											
	85-90											
	90-95											
	95-00											
TOTALS		100.0	100.0	100.0	100.0	99.8	97.9	77.8	46.1	13.0	79.1	5929

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

71-80

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	1-12	100.0	100.0	100.0	100.0	100.0	99.3	96.4	73.4	10.6	83.6	274
	13-18	100.0	100.0	100.0	100.0	100.0	100.0	98.5	79.6	17.1	95.2	275
	19-24	100.0	100.0	100.0	100.0	100.0	99.6	92.7	59.1	10.7	81.7	899
	25-11	100.0	100.0	100.0	100.0	100.0	96.7	67.1	19.8	1.4	74.2	899
	12-14	100.0	100.0	100.0	100.0	99.8	91.6	49.5	8.8	1.1	70.8	897
	15-17	100.0	100.0	100.0	100.0	99.7	94.4	59.3	16.4	2.2	72.9	897
	18-20	100.0	100.0	100.0	100.0	100.0	99.2	78.4	35.0	3.0	77.0	897
	21-23	100.0	100.0	100.0	100.0	100.0	99.3	87.0	45.1	4.1	79.1	690
TOTALS		100.0	100.0	100.0	100.0	99.9	97.5	78.5	42.2	6.3	78.1	5728

USAFETAC FORM 0-87-5 (OL A)
JUL 64

U.S. AIR FORCE METEOROLOGICAL SERVICE
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17547 PATRICK AFB FL

71-80

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01-02	100.0	100.0	100.0	100.0	100.0	100.0	93.2	67.7	24.4	84.1	279
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	92.9	76.6	32.9	86.2	280
	06-08	100.0	100.0	100.0	100.0	98.0	89.1	71.7	49.3	19.2	78.6	902
	09-11	100.0	100.0	100.0	99.5	94.7	76.7	52.3	22.3	4.9	70.6	930
	12-14	100.0	100.0	99.0	97.7	87.2	64.6	36.6	11.9	1.0	65.7	930
	15-17	100.0	100.0	99.0	93.1	88.0	69.4	44.8	15.4	1.9	67.5	930
	18-20	100.0	100.0	100.0	99.5	95.4	81.5	59.4	27.1	4.2	72.1	930
	21-23	100.0	100.0	99.9	99.6	97.4	89.3	67.7	35.3	8.2	75.1	740
TOTALS		100.0	100.0	99.9	99.3	95.1	83.7	64.8	38.2	12.1	75.0	5921

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

NGV

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	1-10	100.0	100.0	100.0	100.0	100.0	98.5	81.5	67.5	45.4	95.5	271
	11-20	100.0	100.0	100.0	100.0	100.0	97.0	87.3	73.3	50.4	97.3	270
	21-30	100.0	100.0	100.0	100.0	99.1	92.9	75.3	54.5	37.3	81.2	693
	31-40	100.0	100.0	99.9	99.2	95.3	80.8	56.7	28.8	11.0	72.6	900
	41-50	100.0	100.0	99.2	96.7	86.1	66.4	36.0	16.0	2.7	65.9	900
	51-60	100.0	100.0	98.7	95.6	89.1	72.0	43.4	18.9	5.4	68.0	900
JUN	1-10	100.0	100.0	99.8	98.3	94.9	85.4	62.9	33.3	10.5	74.1	898
	11-20	100.0	100.0	100.0	99.3	96.5	89.1	69.9	41.2	14.8	76.8	897
	21-30											
	31-40											
	41-50											
	51-60											
TOTALS		100.0	100.0	99.7	98.6	95.1	85.3	64.1	41.7	21.3	76.4	5729

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

DEL

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	1-32	100.0	100.0	100.0	99.5	99.7	96.5	83.6	69.4	45.0	36.0	373
	1-18	100.0	100.0	100.0	99.2	99.2	95.2	86.0	74.7	50.0	37.3	372
	5-10	100.0	100.0	100.0	99.7	99.1	94.2	82.0	62.9	33.6	33.5	744
	10-11	100.0	100.0	100.0	99.0	95.1	86.5	66.7	38.9	13.0	75.5	930
	12-14	100.0	100.0	99.9	95.6	88.5	70.9	45.1	20.3	4.0	67.9	930
	15-17	100.0	100.0	90.0	84.6	39.8	72.0	49.4	26.6	6.1	69.5	930
	18-21	100.0	100.0	99.9	98.8	94.9	86.0	66.3	43.5	12.6	76.0	930
	22-23	100.0	100.0	100.0	99.5	96.6	90.4	74.6	51.0	20.9	79.3	930
TOTALS		100.0	100.0	99.7	98.2	95.2	86.5	69.3	48.4	23.2	78.1	6139

USAFETAC FORM 0-87-5 (OL A)
11-64

JUNIOR CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

167 PATRICK AFB FL

70-80

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	96.7	92.1	83.8	69.5	46.9	20.3	76.7	6138
FEB		100.0	100.0	99.1	96.0	89.3	77.2	59.9	37.0	12.8	72.8	5569
MAR		100.0	100.0	99.4	97.6	90.8	77.0	60.4	38.6	13.5	73.4	6139
APR		100.0	100.0	99.5	97.2	87.9	66.7	47.1	26.0	9.0	69.0	5838
MAY		100.0	100.0	99.9	99.1	94.3	82.6	63.9	34.1	5.2	73.5	5926
JUN		100.0	100.0	100.0	100.0	99.1	93.9	77.0	41.9	6.0	77.5	5733
JUL		100.0	100.0	100.0	100.0	99.5	96.6	80.1	43.1	5.2	78.1	5925
AUG		100.0	100.0	100.0	100.0	99.8	97.9	77.8	46.1	13.0	79.1	5929
SEP		100.0	100.0	100.0	100.0	99.9	97.5	78.5	42.2	6.3	78.1	5728
OCT		100.0	100.0	99.9	99.3	95.1	83.7	64.8	38.2	12.1	75.0	5921
NOV		100.0	100.0	99.7	98.6	95.1	85.3	64.1	41.7	21.3	76.4	5729
DEC		100.0	100.0	99.7	98.2	95.2	86.5	69.3	48.4	23.2	78.1	6139
TOTALS		100.0	100.0	99.7	98.6	94.8	85.9	67.7	40.4	12.3	75.6	70714

USE WITH CAUTION
SEE FIRST PAGE

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

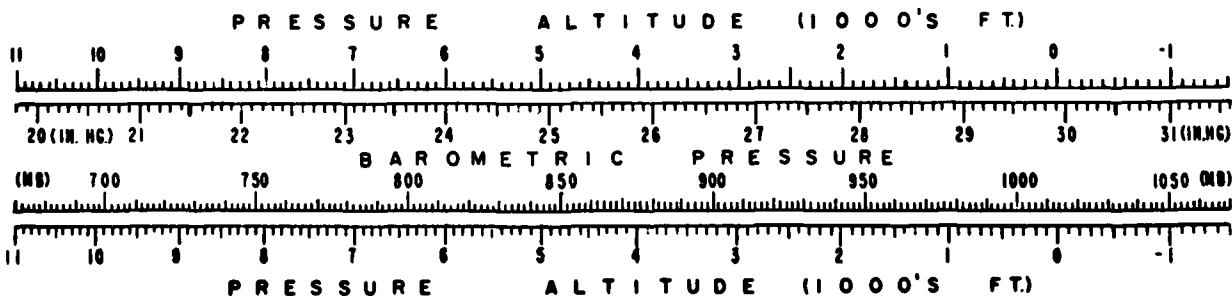
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



U.S. AIR FORCE
CLIMATE
AT WRIGHT FIELD, OHIO

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

1 57 WRIGHT FIELD

70-80

STATION		YEARS												ANNUAL
HRS.	ST.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1	1	MEAN	30.1170	30.773	30.1373	30.1432	30.9682	30.9893	30.3613	30.0162	30.9932	30.9783	30.0483	30.040
		S.D.	.111	.110	.134	.147	.179	.096	.059	.073	.081	.093	.104	.121
		TOTAL OBS.	174	113	124	112	93	90	93	93	91	93	91	1231
2	2	MEAN	30.0917	30.583	30.0170	30.0212	30.9472	30.9693	30.0372	30.9912	30.9702	30.9583	30.3373	30.020
		S.D.	.111	.103	.177	.144	.176	.095	.060	.076	.081	.093	.100	.122
		TOTAL OBS.	174	114	124	113	93	90	93	94	91	93	89	1232
3	3	MEAN	30.1103	30.0943	30.0593	30.0542	30.9833	30.1100	30.0543	30.1352	30.9843	30.0023	30.0663	30.045
		S.D.	.115	.137	.137	.130	.095	.085	.059	.068	.078	.095	.102	.115
		TOTAL OBS.	312	283	311	298	319	300	310	310	300	310	299	3647
4	4	MEAN	30.1493	30.1323	30.0933	30.0793	30.1033	30.0313	30.0783	30.0633	30.0153	30.0333	30.1023	30.077
		S.D.	.142	.140	.130	.137	.101	.095	.061	.068	.080	.098	.106	.120
		TOTAL OBS.	310	283	311	298	310	300	310	310	300	310	300	3651
5	5	MEAN	30.0963	30.0943	30.0633	30.0552	30.9803	30.1113	30.0603	30.0442	30.9872	30.9943	30.0543	30.044
		S.D.	.145	.142	.141	.140	.104	.087	.063	.071	.079	.101	.107	.120
		TOTAL OBS.	310	283	310	290	310	300	310	310	299	310	300	3648
6	6	MEAN	30.0003	30.0503	30.0153	30.0112	30.9442	30.9793	30.0283	30.0722	30.9512	30.9663	30.0283	30.009
		S.D.	.144	.145	.143	.142	.104	.087	.064	.070	.077	.103	.108	.121
		TOTAL OBS.	310	283	310	297	310	300	310	309	299	310	300	3648
7	7	MEAN	30.0913	30.0703	30.0283	30.0182	30.9492	30.9863	30.0333	30.0122	30.9632	30.9853	30.0513	30.023
		S.D.	.140	.140	.137	.137	.100	.085	.064	.067	.073	.097	.106	.119
		TOTAL OBS.	310	283	310	297	310	300	310	310	299	310	299	3648
8	8	MEAN	30.1133	30.0993	30.0633	30.0512	30.9833	30.0133	30.0593	30.0432	30.9963	30.0133	30.0723	30.051
		S.D.	.139	.136	.132	.133	.097	.083	.061	.066	.074	.095	.105	.115
		TOTAL OBS.	310	283	310	297	310	300	310	310	299	310	299	3648
ALL HOURS		MEAN	30.1233	30.0873	30.0493	30.0432	30.9723	30.0033	30.0523	30.0312	30.9822	30.9963	30.0603	30.040
		S.D.	.141	.144	.139	.139	.103	.088	.064	.072	.080	.100	.107	.120
		TOTAL OBS.	217	1925	2178	1988	2045	1980	2046	2046	1978	2046	1977	24353

USAFETAC FORM 0-89 5 (OLA)

USE WITH CAUTION
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GLOBAL CLIMATE DATA BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

1017 PATRICK AFB FL

70-81

STATION

STATION NAME

YEARS

HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	1017.0	1019.2	1017.9	1017.8	1018.4	1018.1	1018.6	1017.2	1016.3	1015.8	1018.2	1020.2	1017.9
	S D	3.038	5.126	4.532	5.039	3.816	3.139	1.976	2.466	2.787	3.201	3.490	4.165	4.129
	TOTAL OBS	124	113	124	125	93	90	93	93	91	93	91	124	1234
1	MEAN	119.71	118.61	117.11	117.11	114.21	115.51	117.61	116.31	115.51	115.11	117.81	119.9	1017.2
	S D	3.813	5.174	4.823	4.977	3.464	3.189	1.996	2.571	2.792	3.163	3.392	4.024	4.141
	TOTAL OBS	114	114	124	125	93	90	93	93	91	93	90	124	1234
1	MEAN	120.11	119.71	118.51	118.31	115.91	116.81	118.31	117.71	115.91	116.51	118.71	120.0	1018.0
	S D	4.725	4.830	4.445	4.455	3.194	2.819	1.981	2.304	2.655	3.244	3.455	4.346	3.899
	TOTAL OBS	310	293	311	299	309	300	310	310	300	310	299	309	3646
1	MEAN	1021.1	1021.0	1019.6	1019.1	1016.6	1017.5	1019.1	1018.6	1017.4	1017.6	1020.0	1021.4	1019.1
	S D	4.644	4.740	4.513	4.659	3.397	2.840	2.073	2.315	2.743	3.346	3.563	4.382	4.078
	TOTAL OBS	310	293	311	300	310	299	310	310	300	310	300	310	3652
1	MEAN	1019.6	1019.7	1018.5	1018.2	1015.8	1016.9	1018.5	1018.0	1016.1	1016.3	1018.6	1019.6	1018.0
	S D	4.936	4.792	4.742	4.842	3.479	2.909	2.136	2.397	2.677	3.434	3.619	4.550	4.060
	TOTAL OBS	310	293	310	300	310	300	310	310	299	310	300	310	3652
1	MEAN	1110.7	1118.2	1117.3	1116.8	11014.6	11015.8	11017.4	11016.2	11014.8	11015.3	11017.4	11018.7	1016.8
	S D	4.971	4.852	4.825	4.866	3.480	2.877	2.153	2.381	2.638	3.506	3.646	4.576	4.087
	TOTAL OBS	310	293	310	299	310	300	310	310	299	310	300	310	3651
1	MEAN	1019.6	1018.9	1017.4	1017.0	1014.8	1016.0	1017.6	1016.9	1015.2	1016.0	1018.2	1019.5	1017.3
	S D	4.795	4.736	4.644	4.711	3.358	2.826	2.161	2.267	2.471	3.325	3.582	4.497	4.034
	TOTAL OBS	310	293	310	300	310	300	310	310	299	310	299	310	3651
2	MEAN	1020.4	1019.9	1018.6	1018.1	1015.9	1016.9	1018.5	1017.9	1016.3	1016.9	1019.0	1020.2	1018.2
	S D	4.737	4.617	4.452	4.584	3.251	2.744	2.099	2.227	2.499	3.254	3.551	4.414	3.919
	TOTAL OBS	310	292	310	300	310	299	309	310	299	310	299	310	3648
ALL HOURS	MEAN	1020.1	1019.5	1018.2	1017.9	1015.6	1016.6	1018.2	1017.6	1015.9	1016.4	1018.5	1019.9	1017.9
	S D	4.784	4.850	4.685	4.780	3.442	2.923	2.161	2.428	2.716	3.414	3.633	4.481	4.086
	TOTAL OBS	2107	1924	2108	2008	2045	1978	2045	2046	1978	2046	1978	2107	24370

USE WITH CAUTION
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USAFETAC FORM 10-64 0-89.5 (OLA)

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